



Turkmenistan

WUENIC 2025 revision,
Published 15 July 2026



WHO/UNICEF Estimates of National Immunization Coverage (WUENIC), 2025 revision

Every year, WHO and UNICEF jointly review submissions from Member States on national immunization coverage, including annual administrative and official coverage, finalized survey reports and data from both published and grey literature. The data is triangulated with consideration of potential biases and local expert opinions to differentiate between accurately reflective empirical data and potentially misleading data, to assess the most likely coverage levels for each country.

WHO and UNICEF produce country-specific estimates by reviewing each country's data independently, without borrowing from other countries when data are missing. The estimates are not ad hoc adjustments to reported figures and may rely on a single empirical source, typically nationally reported coverage. When no data exist for a specific country-vaccine-year, earlier and later data are interpolated. If sources conflict or vary widely, the most plausible estimate is selected after considering potential biases.

This slide deck presents the latest WUENIC estimates (published 15 July 2026), using UNPD World Population Prospects (WPP 2024) for population-weighted averages and to derive absolute numbers of vaccinated and unvaccinated/zero-dose children.

Methods: • [Burton et al. 2009. WHO and UNICEF estimates of national infant immunization coverage: methods and processes.](#)

- [Burton et al. 2012. A formal representation of the WHO and UNICEF estimates of national immunization coverage: a computational logic approach.](#)
- [Brown et al. 2013. An introduction to the grade of confidence used to characterize uncertainty around the WHO and UNICEF estimates of national immunization coverage.](#)
- [Danovaro-Holliday et al. 2021. Compliance of WUENIC with Guidelines for Accurate and Transparent Health Estimates Reporting \(GATHER\) criteria.](#)

Definitions of immunization terms

Vaccine coverage

Percentage of infants (children under one year of age) who received certain vaccine-doses. For example, coverage of DTP3 is the percentage of infants who received all three doses of diphtheria, tetanus, and pertussis (DTP) vaccine.

Unvaccinated

An infant that did not receive the first dose of a vaccine series. The term zero-dose is used to describe children unvaccinated with DTP1.

Under-vaccinated

An infant who received some but not all the recommended vaccine-doses in the national schedule.

Vaccine-Doses

- Bacillus Calmette-Guerin (BCG): vaccine against tuberculosis
- Hepatitis B birth dose, given within 24 hours after birth (HepBB)
- Diphtheria, tetanus, and pertussis vaccine, first dose (DTP1) and third dose (DTP3)
- Hepatitis B vaccine, third dose (HepB3)
- Haemophilus influenzae type b vaccine, third dose (Hib3)
- Inactivated polio vaccine, first dose (IPV1) and last dose (IPVC)
- Measles containing vaccine, first dose (MCV1) and second dose (MCV2)
- Rotavirus vaccine, last dose (RotaC)
- Pneumococcal vaccine, last dose (PCVC)
- Yellow Fever vaccine (YFV)
- Meningococcal A vaccine (MengA)
- Human papillomavirus vaccine, first dose (HPV1) and last dose (HPVc): vaccine to protect against certain types of human papillomavirus that can lead to cancer or genital warts

The Immunization Agenda 2030 (IA2030)

The IA2030 is a global strategy endorsed by the World Health Assembly aiming to ensure everyone, everywhere, at every age benefits from vaccines for improved health and well-being by 2030. It focuses on increasing vaccine coverage, equity, sustainability and pandemic preparedness while promoting life-course immunization and integrating immunization with other health services.

Key concepts

- The World Health Organization (WHO) provides global vaccine recommendations, which are adapted by countries based on local needs. Only DTP, polio and measles-containing vaccines are used in all countries.
- DTP1 is a marker of access to routine immunization services, and when not received, serves as a proxy for identifying children who have not received any vaccinations, also known as "zero-dose" children. High DTP1 coverage indicates good access to immunization services, while low coverage suggests challenges in reaching children with essential vaccines.
- DTP3 is a widely used indicator of immunization programme performance. It reflects a country's ability to deliver routine immunization services and ensures children are protected against serious disease. DTP3 is tracked globally and serves as a key measure of a nation's vaccination efforts.
- DTP1-DTP3 drop-out measures the percentage of children who received DTP1 but not DTP3, and highlights where children are lost along the vaccination pathway, highlighting potential weaknesses in service delivery and follow-up.
- MCV1 (usually recommended between 9-12 months) assesses the ability to deliver vaccines later in infancy. It serves as a tracer for protection against measles and is a good indicator of health system performance.
- HPV vaccine protects against specific types of human papilloma virus (HPV), and is used to measure life cycle vaccination.
- Other key indicators include PCVC and MCV2, which are used to monitor the Sustainable Development Goals (SDGs).
- Together, these indicators provide a consistent and comparable way to track immunization progress, identify missed communities and monitor global targets, including those under the Immunization Agenda 2030 (IA2030) and Sustainable Development Goals (SDGs).

Key messages

- DTP1 coverage remained constant at 99% between 2024 and 2025.
- DTP3 coverage remained constant at 98% between 2024 and 2025.
- There were <100 fewer zero-dose children in 2025. This leaves 1,000 children without vaccination, vulnerable to vaccine-preventable diseases and a further 1,000 with incomplete protection.
- Turkmenistan accounted for 0.4% of zero-dose children in Europe and Central Asia (ECAR) and <0.1% of zero-dose children globally.
- MCV1 coverage declined 1 percentage point from 99% in 2024 to 98% in 2025. There were 3,000 children who missed out on the first measles vaccination.
- MCV2 coverage remained constant at 99% between 2024 and 2025.
- Last dose coverage of HPV vaccination (HPVc) among girls decreased from 99% to 97% in 2025.

Vaccination schedule, 2025

Level	Vaccine	Dose number and age administered				
		1	2	4	3	5
National	BCG	2-3 days	14 years			
National	DTWP (booster)			18 months		
National	DTWPHIBHEPB	2 months	3 months		4 months	
National	DTWPHIBHEPBIPV	2 months	3 months		4 months	
National	HEPB (pediatric)	Birth				
National	HPV (females and males)	9 years				
National	IPV			16 months	3 months	
National	MMR	12-15 months	6 years			
National	OPV	2-3 days	2 months	4 months	3 months	18 months
National	PCV	2 months	4 months		12 months	
National	Rotavirus	2 months	3 months		4 months	

This table shows the 2025 national immunization schedule for routine services in Turkmenistan, reported through the WHO/UNICEF Joint Reporting Form on Immunization (JRF).

Each row corresponds to a vaccine or combination vaccine, indicating whether it is delivered at the national or subnational level. The schedule outlines the number of doses and the recommended ages for administration. Only childhood and adolescent vaccines relevant to WUENIC are included.

Vaccine introduction years

Vaccine	National introduction
HPV (Human papillomavirus) vaccine	2016
HepB birth dose	2002
Hepatitis B vaccine	2002
Hib (Haemophilus influenzae type B) vaccine	2010
IPV (Inactivated polio vaccine)	2018
IPV (Inactivated polio vaccine) 2nd dose	2025
Malaria vaccine	Not introduced
Measles-containing vaccine 2nd dose	1991
Meningococcal meningitis vaccines (any strain)	Not introduced
Mumps vaccine	1995
PCV (Pneumococcal conjugate vaccine)	2019
RSV (Respiratory syncytial virus) immunization strategy	Not introduced
Rotavirus vaccine	2019
Rubella vaccine	2007
Typhoid conjugate vaccine	Not introduced

This table displays the year each vaccine was introduced in Turkmenistan. If a vaccine has been suspended, no introduction year is shown, but if it was suspended and later reintroduced, the year of reintroduction is provided. The introduction years can reflect nationwide rollout, partial (subnational) rollout, or introduction targeted to specific risk groups or high-risk areas, as indicated in the column headers.

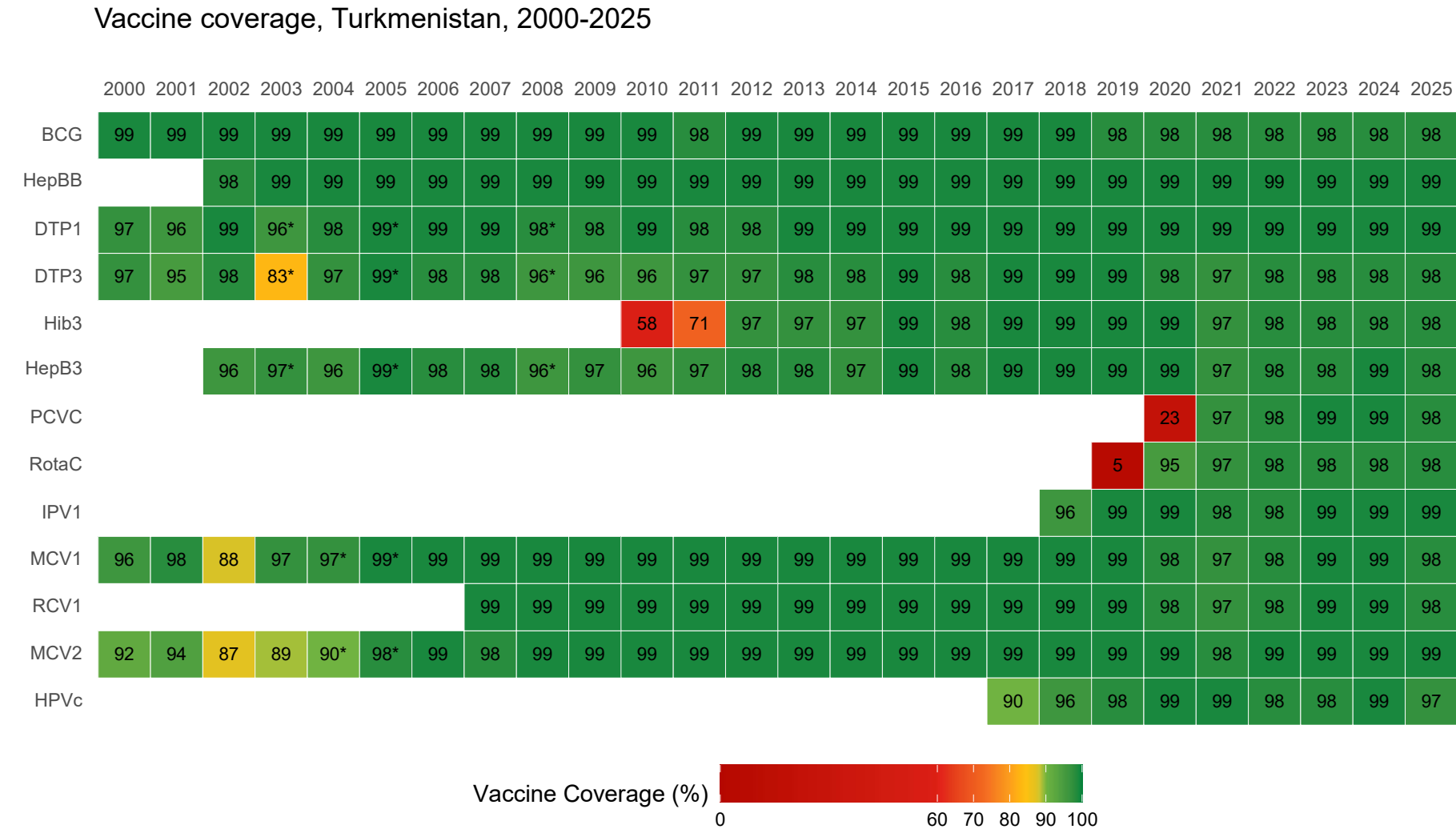
In 2025, coverage increased for none antigens, remained unchanged for eight, and declined for five, indicating limited improvement in routine immunization performance; 13 achieved at least 90% coverage.

This heatmap shows trends in vaccine coverage since 2000, with green cells indicating coverage of 90% or more.

In 2025, all 13 (100%) vaccines in the schedule achieved coverage of 90% or more. Vaccine coverage ranged from 98% to 99%.

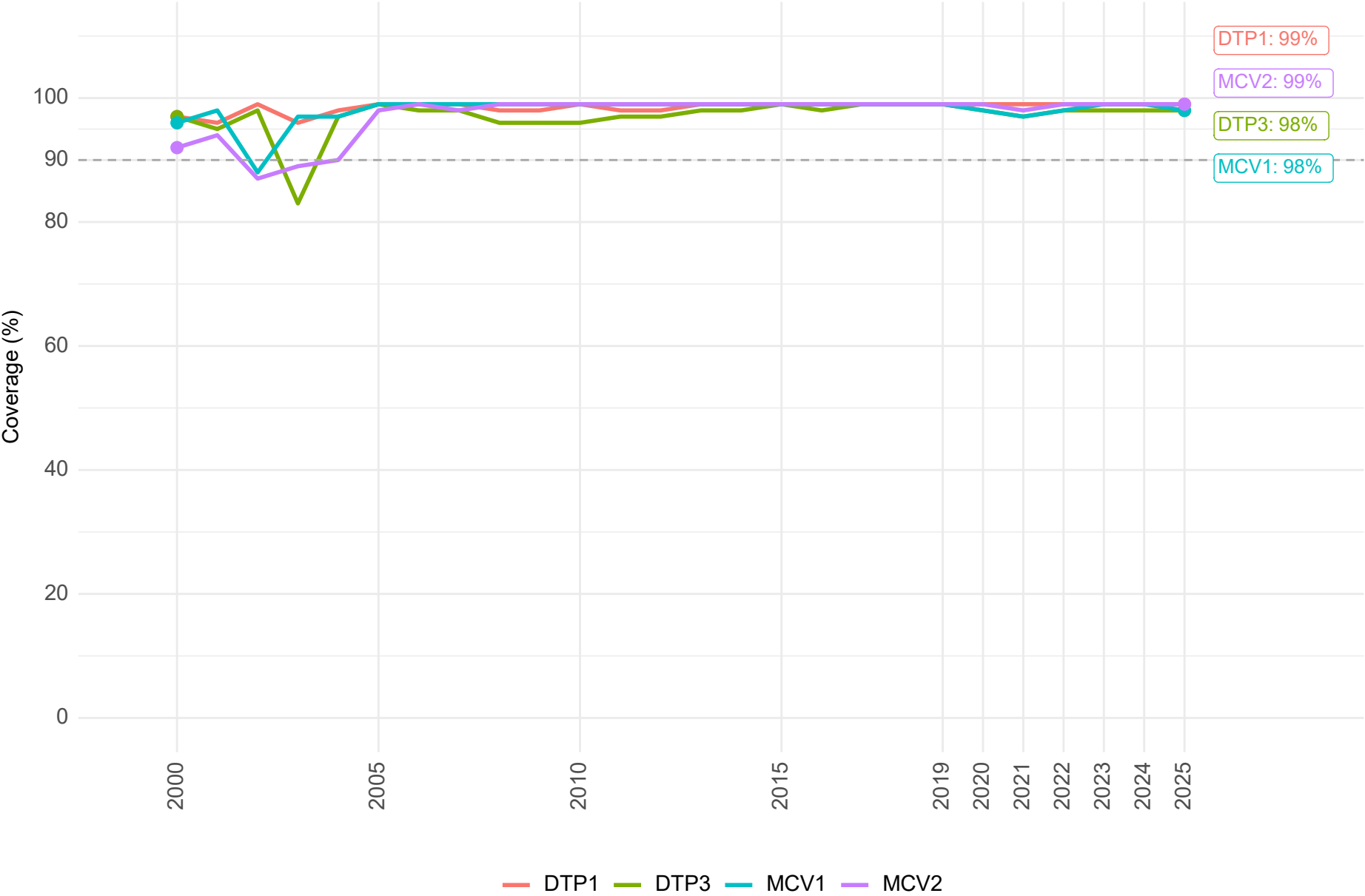
Since 2002, estimates have been made for 8 new vaccines. PCVC is the newest vaccine reported (2020), which achieved 98% coverage in 2025.

In 2025, Turkmenistan did not report any stockouts of vaccines or supplies.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision.
Note: Stock information available from 2003.
An asterisk (*) indicates where there was a vaccine stockout at the national or subnational level.

Coverage of key childhood vaccines (%), Turkmenistan, 2000-2025



This chart shows coverage trends for the DTP and measles vaccines. These are key antigens for assessing national immunization programmes.

In 2025, DTP1 coverage (a proxy for access to immunization services) was 98%.

DTP3 coverage - a marker of how well countries are delivering immunization services to children - exceeded the 90% target set for 2030.

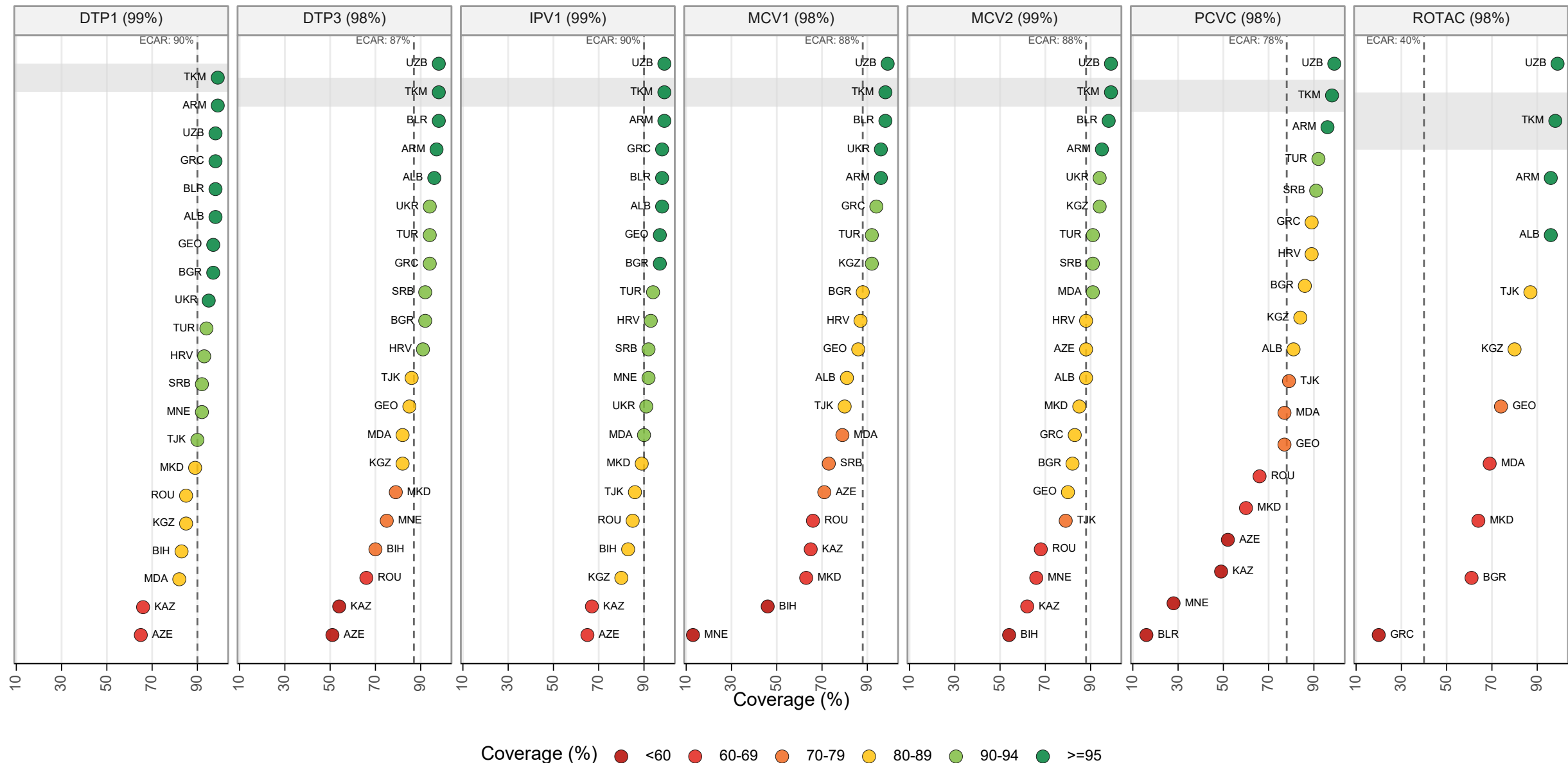
WHO recommends that countries achieve at least 95% coverage with both the first (MCV1) and second (MCV2) doses of measles-containing vaccine. MCV1 provides initial protection and MCV2 ensures long-term immunity and closes gaps in coverage.

In 2025, MCV1 coverage exceeded the 95% target and MCV2 coverage exceeded the 95% target.

Between 2024 and 2025, 0 vaccines increased coverage, 1 declined and 3 remained the same.

Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision

Vaccine coverage compared with other countries in the region, ECAR, 2025



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Country ISO codes displayed. Coverage in tkm shown in the headers. Regional average coverage shown by the dashed line.

DTP1

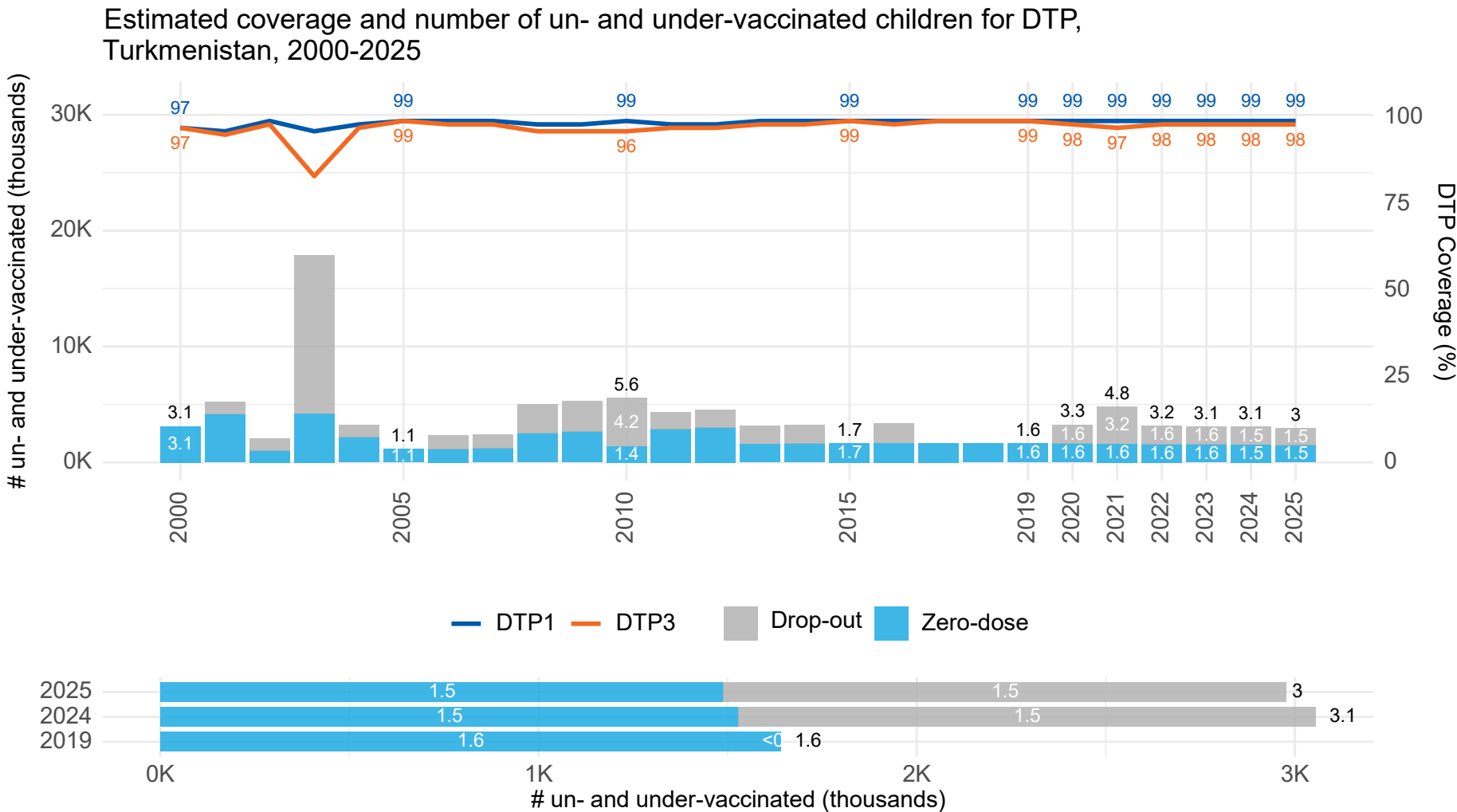
In 2025, DTP1 coverage was 99% and DTP3 was 98%, leaving 3,000 children un- or under-vaccinated, including 1,000 zero-dose and 1,000 with only partial protection.

The key goal of the Immunization Agenda 2030 is to make vaccination available to everyone, everywhere, by 2030.

This chart shows diphtheria, tetanus and pertussis-containing vaccine first (DTP1) and third dose (DTP3) coverage trends, the number of zero-dose children and DTP drop-out in Turkmenistan.

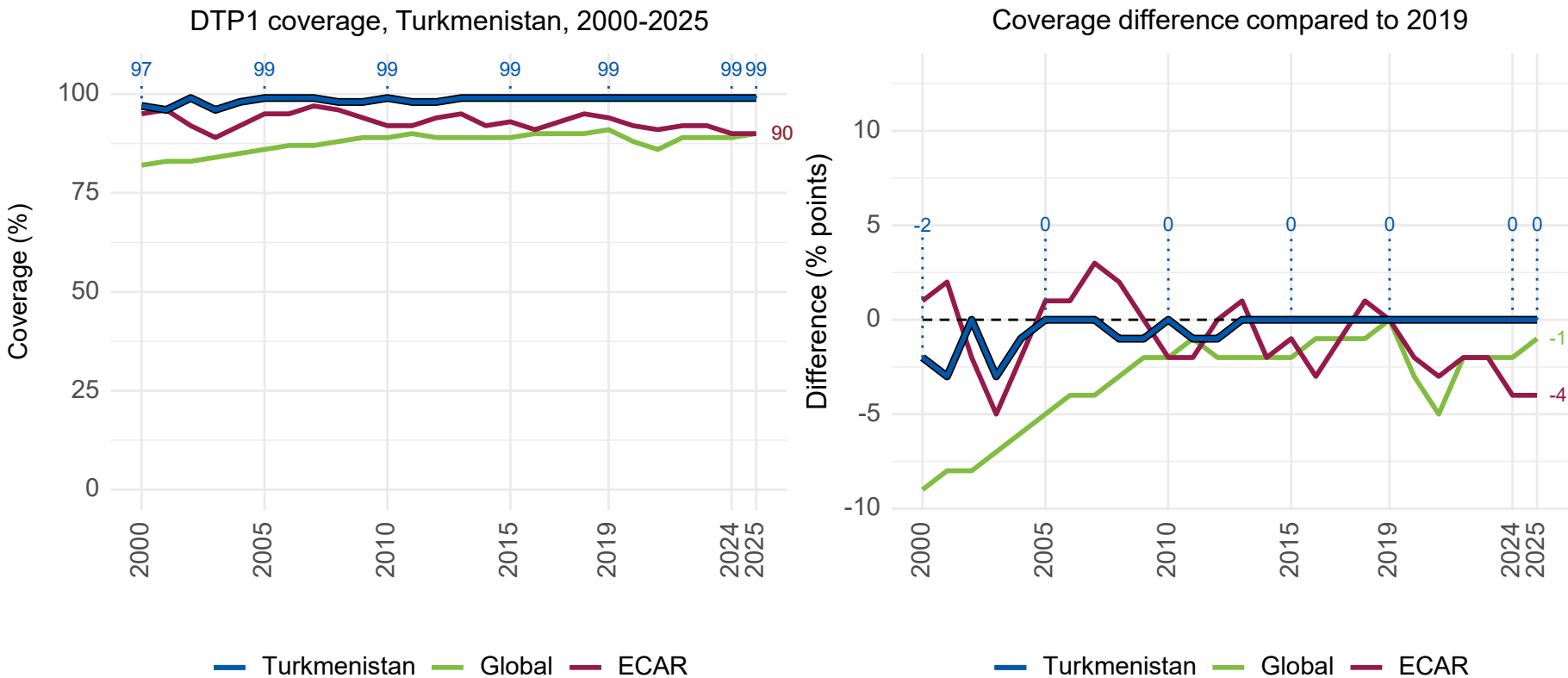
In 2025, DTP1 coverage in Turkmenistan remained constant 99%. The number of children missing out on any DTP vaccination (zero-dose children) improved from 2,000 in 2024 to 1,000 in 2025.

DTP3 coverage remained constant 98% in 2025, leaving 3,000 children vulnerable to vaccine-preventable diseases.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Lines show vaccine coverage and bars show number of children.
Zero-dose children are those who did not receive DTP1.

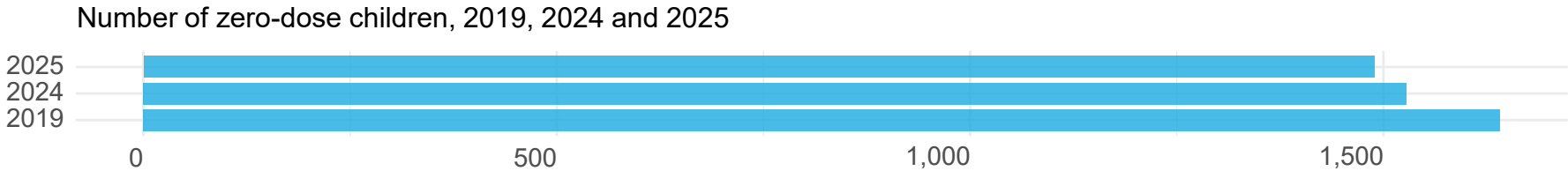
In 2025, Turkmenistan DTP1 coverage was 99% - this is the same as in 2019 and higher than both the global and regional averages.



In 2025, DTP1 coverage in Turkmenistan (99%) was 9 percentage points higher than the global average (90%) and 9 percentage points higher than the average across all ECAR countries (90%).

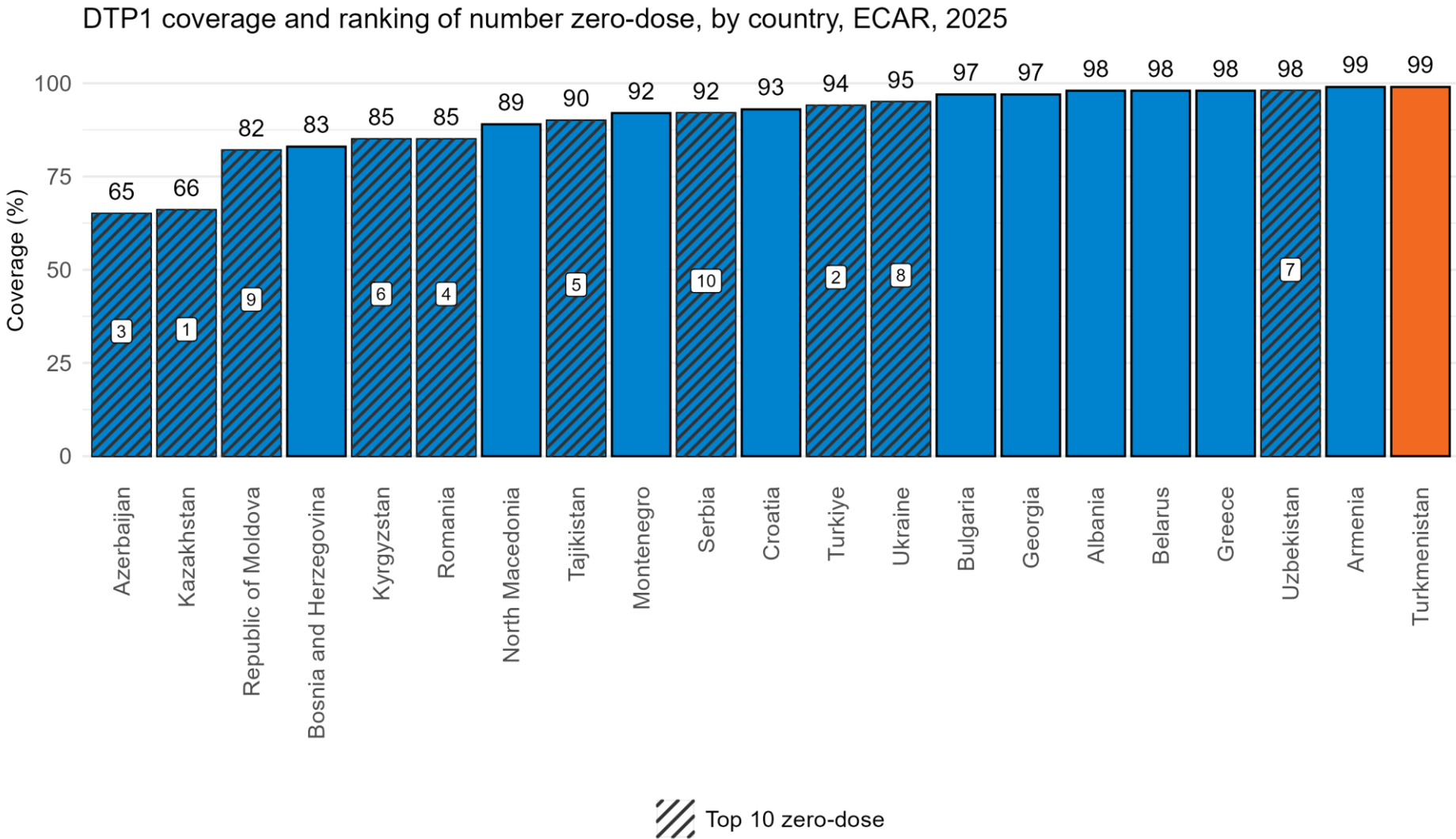
National DTP1 coverage was the same as in 2019 (99%).

This equates to 1,000 zero-dose children in 2025 compared to 2,000 zero-dose children in 2019.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Coverage difference compared to 2019 - values above zero indicate coverage higher than in 2019 and values below zero indicate coverage lower than in 2019

In 2025, Turkmenistan had the highest coverage and was not among the top 10 countries with the highest number of zero-dose children in the region.



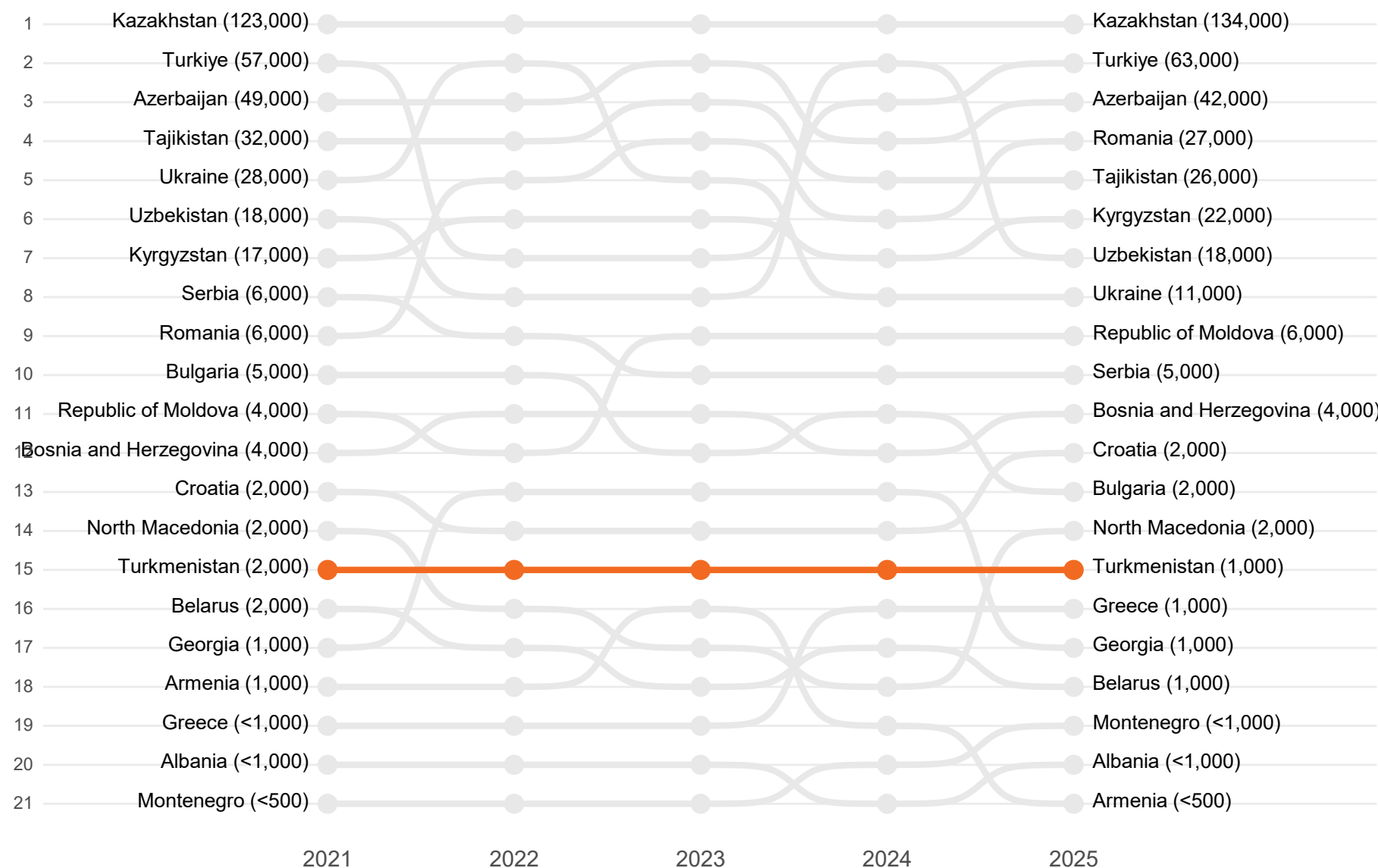
This chart shows DTP1 coverage in countries in ECAR from lowest to highest coverage, and the rank of the top 10 countries with the most zero-dose children, based on absolute numbers.

In 2025, Turkmenistan ranked number 20 out of 21 countries for lowest DTP1 coverage (based on tied ranks).

Turkmenistan was not in the top 10 countries with the most zero-dose children.

Note: Large cohort countries may have high numbers of zero-dose children despite high vaccine coverage. It is important to consider both coverage and absolute numbers of unvaccinated children to ensure vulnerable countries with small birth cohorts are not overlooked.

Countries ranked by number of zero-dose children, ECAR, 2021-2025



This chart compares the ranking of countries in the region based on the absolute number of zero-dose children, with rank 1 representing the country with the most zero-dose children.

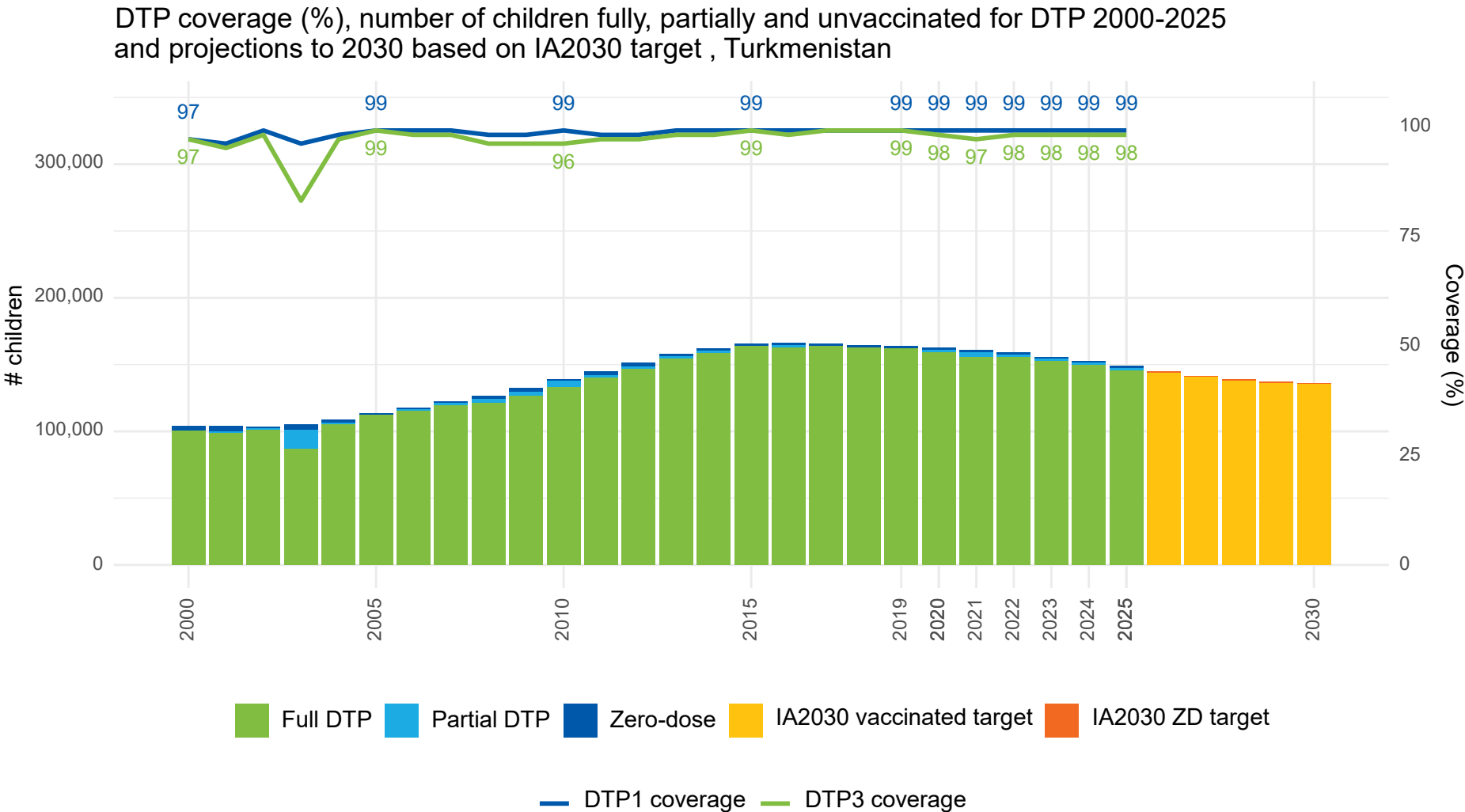
In 2021, Turkmenistan ranked number 15 out of 21 countries with 2,000 zero-dose children.

In 2025, Turkmenistan ranked number 15 out of 21 countries with 1,000 zero-dose children.

Note: Absolute numbers of zero-dose children is based on a combination of programme performance and surviving infant target population size. Countries may climb to a higher rank despite a decline in number of zero-dose children as the ranking also depends on performance of other countries in the region.

Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Number in parentheses is the number of zero-dose children.

Turkmenistan is on track to halve zero-dose children by 2030, but sustaining progress will require continued strengthening of immunization systems.



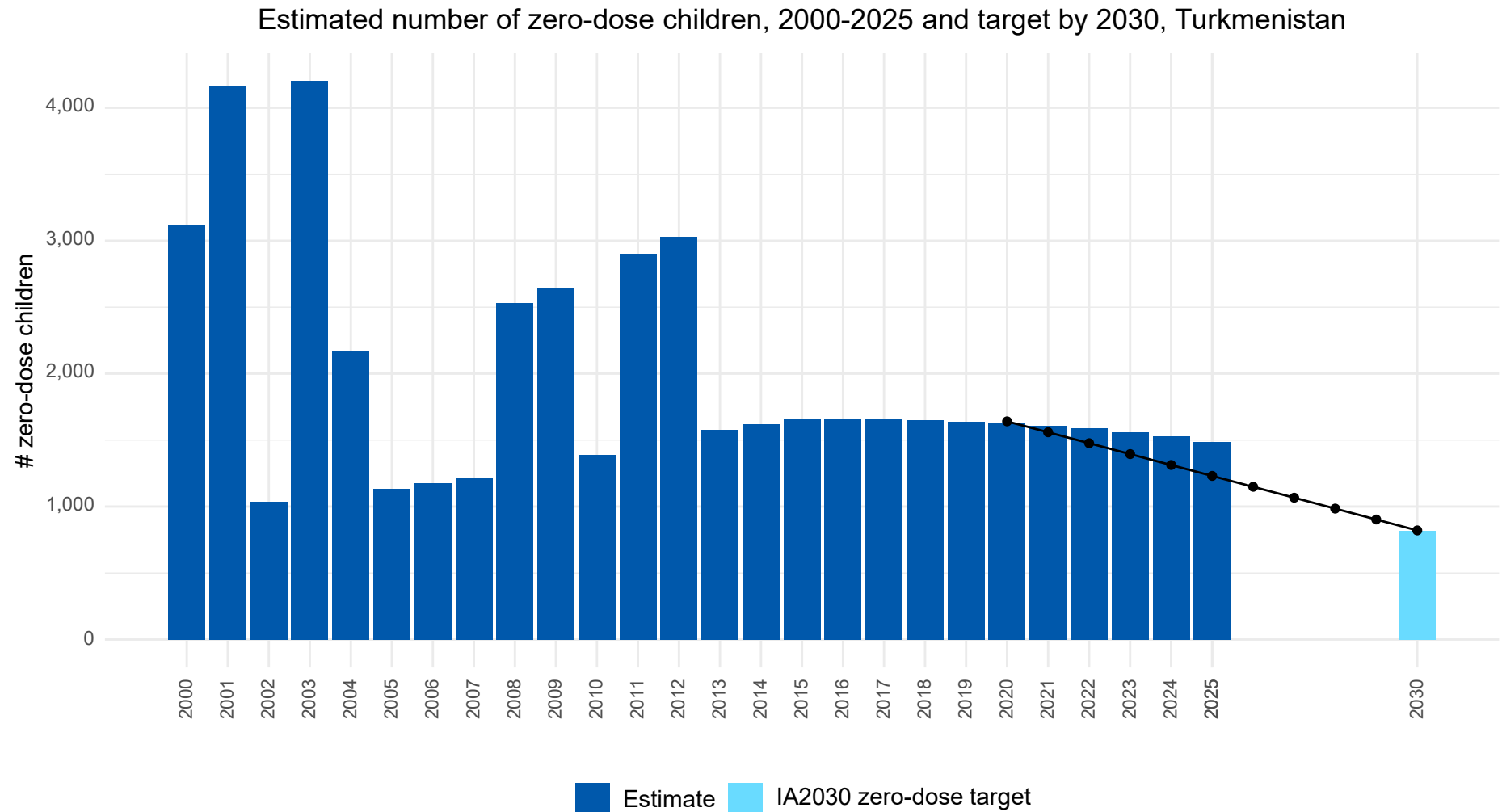
Sources: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision; United Nations, Department of Economic and Social Affairs, Population Division (2024). World Population Prospects 2024, Online Edition. Note: The Immunization Agenda 2030 (IA2030) calls on all countries to reduce the number of zero dose children in 2019 by half by 2030.

IA2030 calls on all countries to reduce the number of zero dose children in 2019 by half by 2030. This chart shows the annual number of children required to be vaccinated to reach the ZD target.

IA2030 calls on all countries to reduce the number of zero dose children in 2019 by half by 2030. This chart shows the annual number of children required to be vaccinated to reach the ZD target.

Turkmenistan is projected to have a decline in the number of surviving infants by 2030. To achieve the IA2030 ZD target, current efforts would be sufficient, however, countries must strengthen beyond the targets.

In 2025, the number of zero-dose children was 21% above the annual IA2030 goal, putting the 2030 goal at serious risk without accelerated action.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision

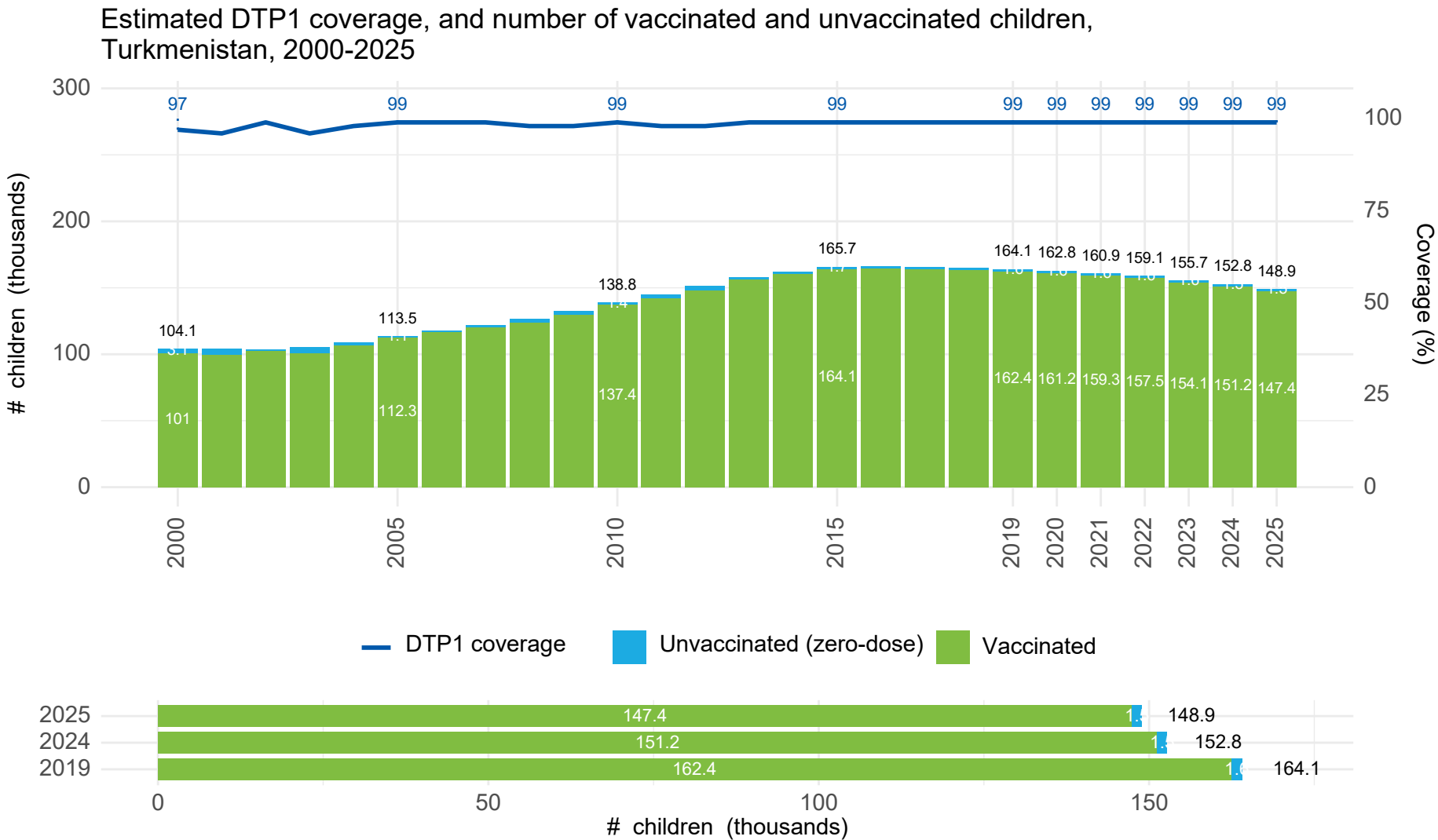
Note: The Immunization Agenda 2030 (IA2030) calls on all countries to reduce the number of zero dose children in 2019 by half by 2030. Dark blue bars are the estimated number of zero-dose children in 2000-2025, light blue bar is the target number of zero-dose children by 2030. The line and points show the yearly progress and trajectory to meet the target by 2030, based on a linear decline.

IA2030 aims to leave no one behind with immunization and calls on all countries to reduce the number of zero dose children by half by 2030.

- This chart shows:
- Estimated number of zero-dose children in 2000-2025 (dark blue bars)
 - Zero-dose target by 2030 (light blue bar)
 - Trajectory to reach the 2030 target based on a linear decline (points)

In 2025, the number of zero-dose children was approximately 21% higher than the annual number proposed to reach the target, based on a linear trajectory of decline.

For vaccine coverage to increase, the number of children vaccinated needs to either increase or decline at a slower rate than the decline in surviving infant target population.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision

DTP1 coverage in 2025 (99%) was the same as in 2019 (99%).

The number of children vaccinated with DTP1 decreased 9% compared to in 2019.

The number of surviving infants decreased approximately 9% compared to in 2019.

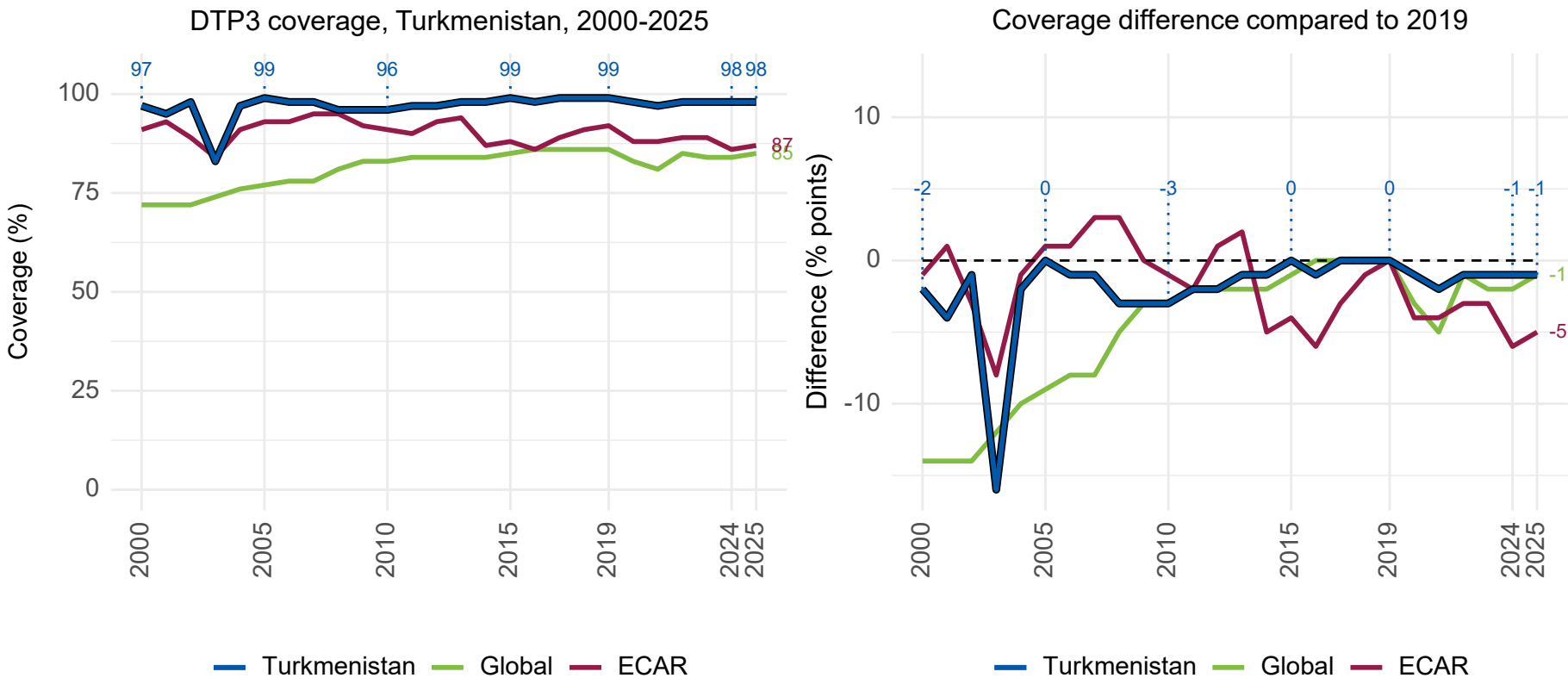
In 2025, fewer children were vaccinated than in 2019.

In 2025, there were fewer surviving infants (target population) than in 2019.

For vaccine coverage to increase, the number of children vaccinated needs to either increase or decline at a slower rate than the decline in surviving infant target population.

DTP3

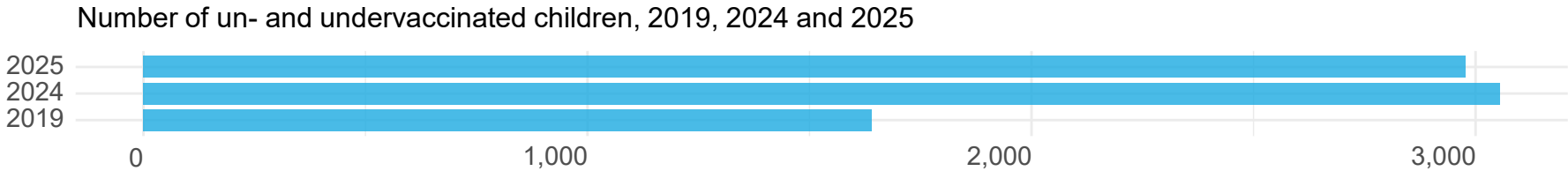
In 2025, Turkmenistan DTP3 coverage was 98% - this is 1 percentage point lower than in 2019 and more than 10 percentage points higher than both the global and regional averages.



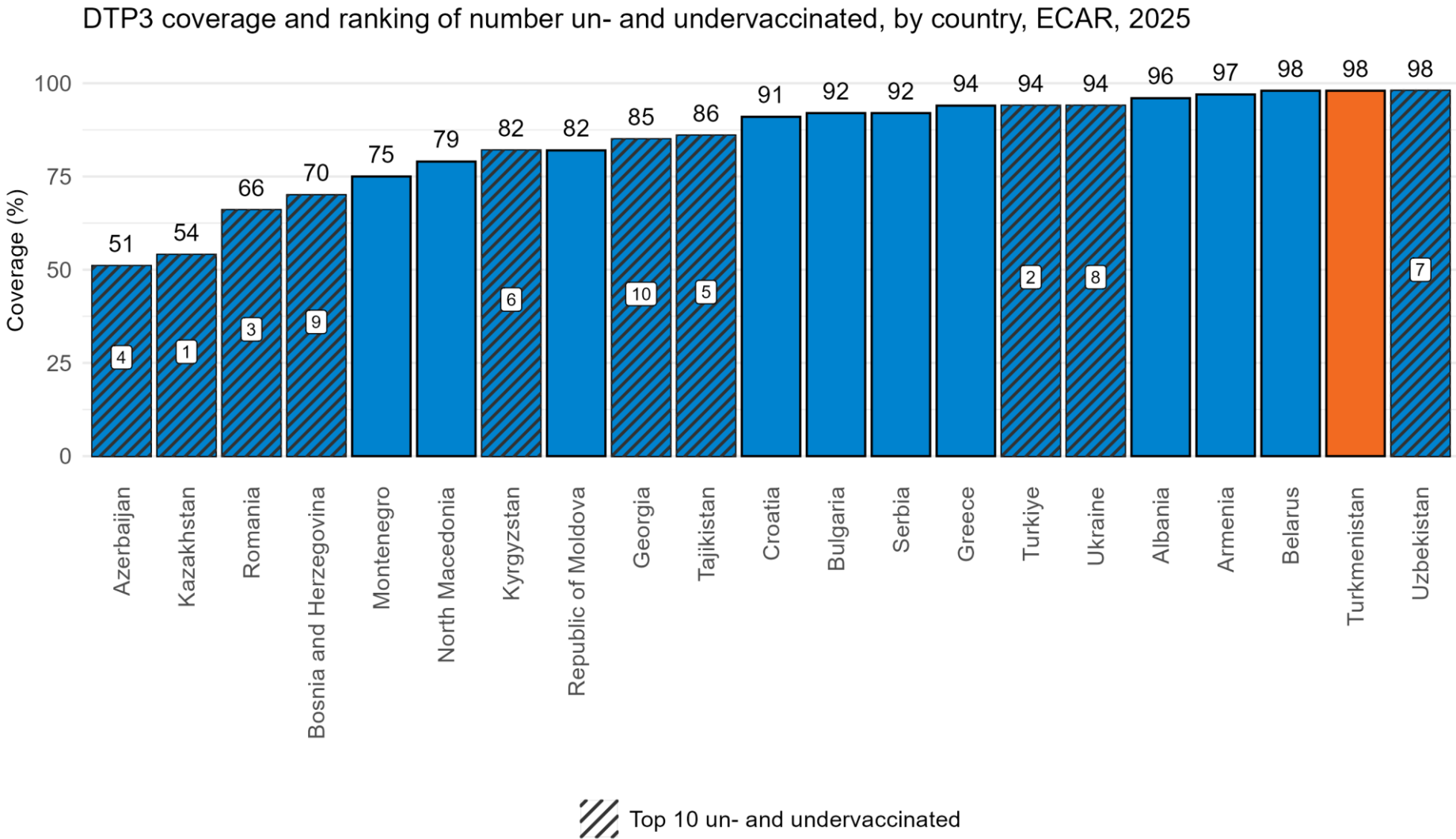
In 2025, DTP3 coverage in Turkmenistan (98%) was 13 percentage points higher than the global average (85%) and 11 percentage points higher than the average across all ECAR countries (87%).

National DTP3 coverage was 1 percentage point lower than in 2019 (99%).

This equates to 3,000 un- and undervaccinated children in 2025 compared to 2,000 un- and undervaccinated children in 2019.



In 2025, Turkmenistan had the highest coverage and was not among the top 10 countries with the highest number of un- and undervaccinated children in the region.



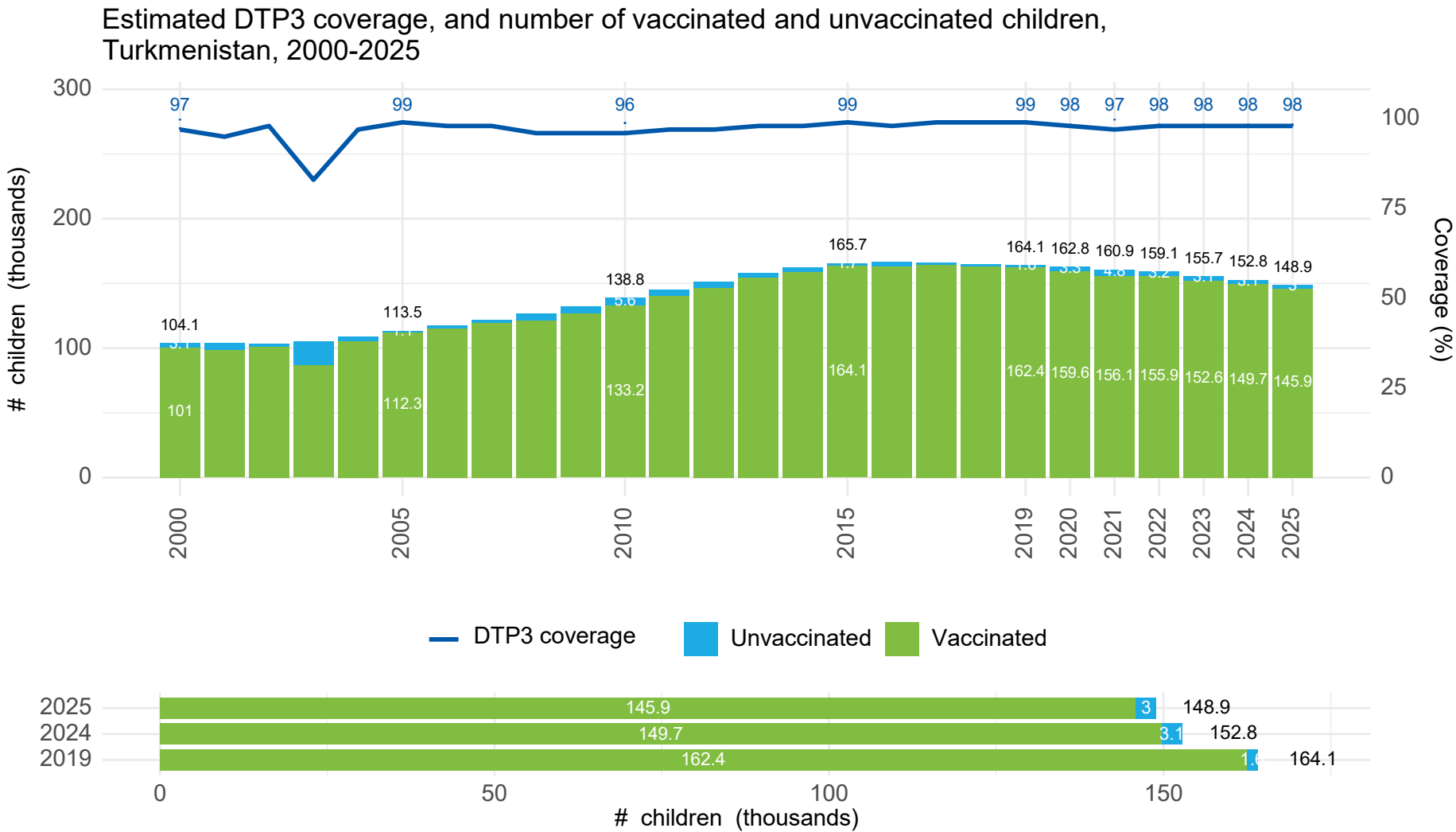
This chart shows DTP3 coverage in countries in ECAR from lowest to highest coverage, and the rank of the top 10 countries with the most un- and undervaccinated children, based on absolute numbers.

In 2025, Turkmenistan ranked number 19 out of 21 countries for lowest DTP3 coverage (based on tied ranks).

Turkmenistan was not in the top 10 countries with the most un- and undervaccinated children.

Note: Large cohort countries may have high numbers of un- and undervaccinated children despite high vaccine coverage. It is important to consider both coverage and absolute numbers of unvaccinated children to ensure vulnerable countries with small birth cohorts are not overlooked.

For vaccine coverage to increase, the number of children vaccinated needs to either increase or decline at a slower rate than the decline in surviving infant target population.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Unvaccinated includes zero-dose and undervaccinated children

DTP3 coverage in 2025 (98%) was relatively constant within 1% compared to 2019 (99%).

The number of children vaccinated with DTP3 decreased 10% compared to in 2019.

The number of surviving infants decreased approximately 9% compared to in 2019.

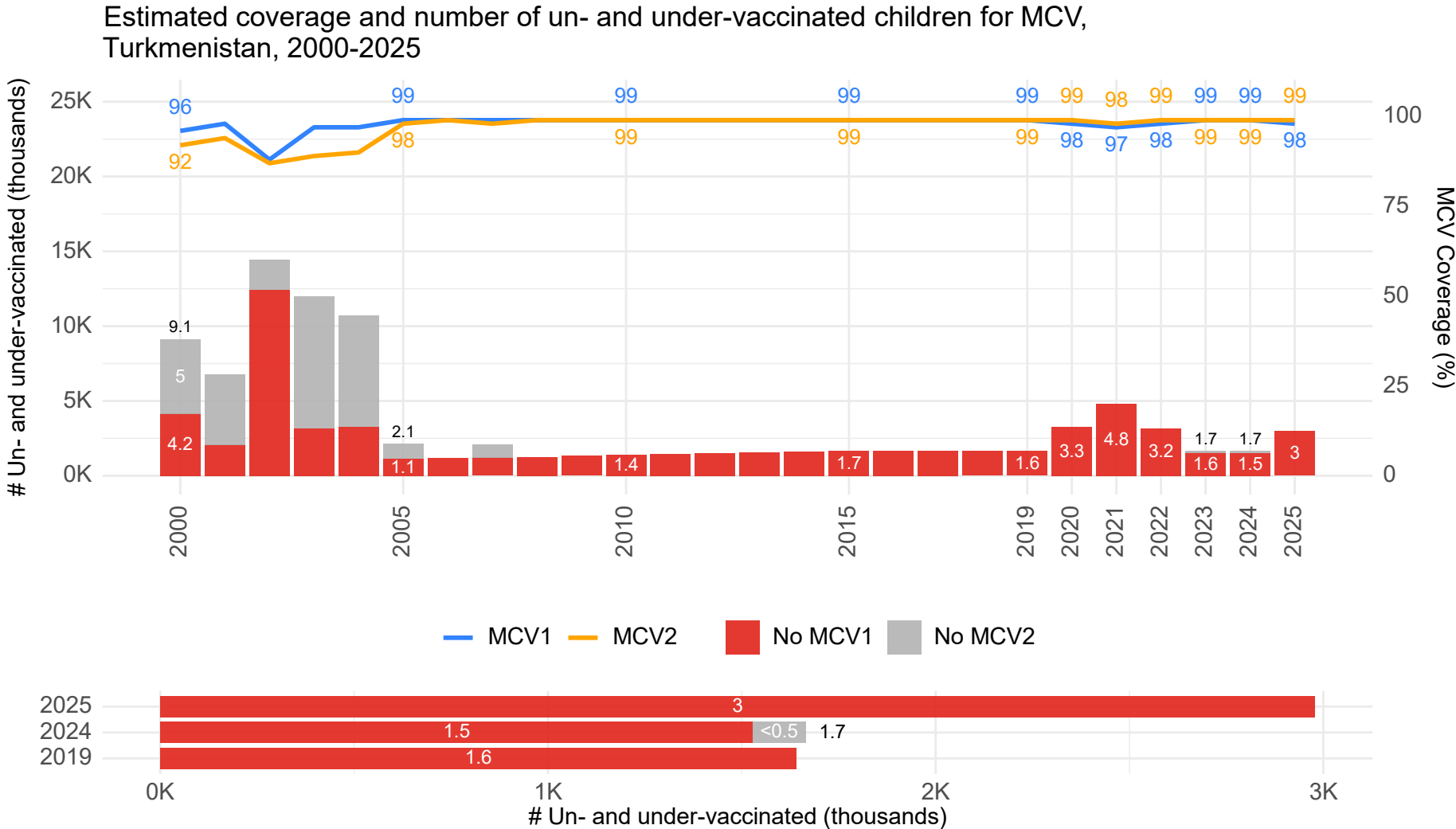
In 2025, fewer children were vaccinated than in 2019.

In 2025, there were fewer surviving infants (target population) than in 2019.

For vaccine coverage to increase, the number of children vaccinated needs to either increase or decline at a slower rate than the decline in surviving infant target population.

MCV1

MCV1 coverage remained relatively constant (within 1%) at 99% in 2025, leaving 3,000 children without any protection against measles. MCV2 coverage also remained constant at 99%



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Lines show vaccine coverage and bars show number of children.

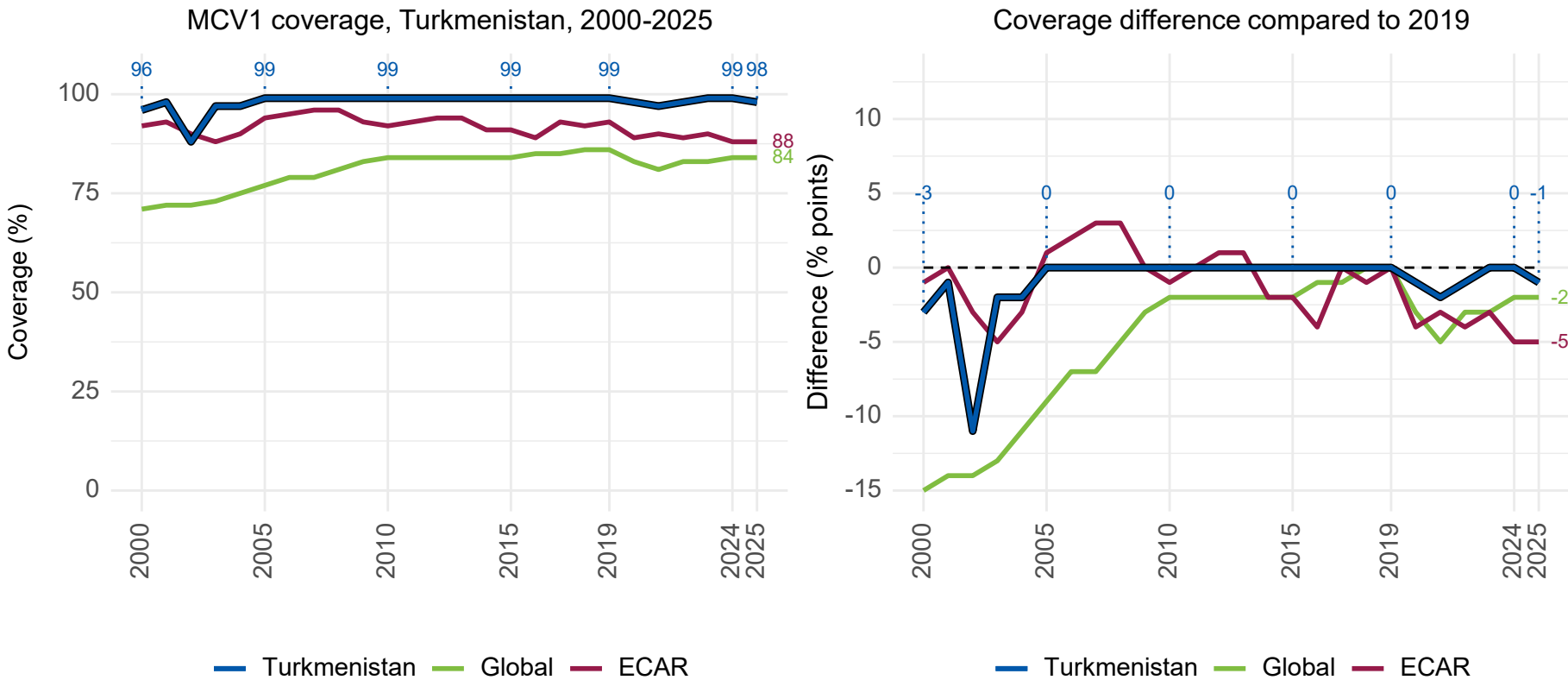
Measles, because of its high transmissibility, acts as a 'canary in the coalmine', quickly exposing any immunity gaps in the population. The coverage of measles containing vaccine (MCV) is thus often used as a tracer for protection.

The percentage of children receiving MCV1 – typically at 9 or 12 months depending on the national vaccination schedule – remained relatively constant (within 1%) at 98%. This is similar to in 2019, where coverage was 99%.

3,000 children missed their routine first dose of measles vaccine.

MCV2 is typically administered to children between 18 months and five years old. MCV2 coverage remained constant at 99% in 2025.

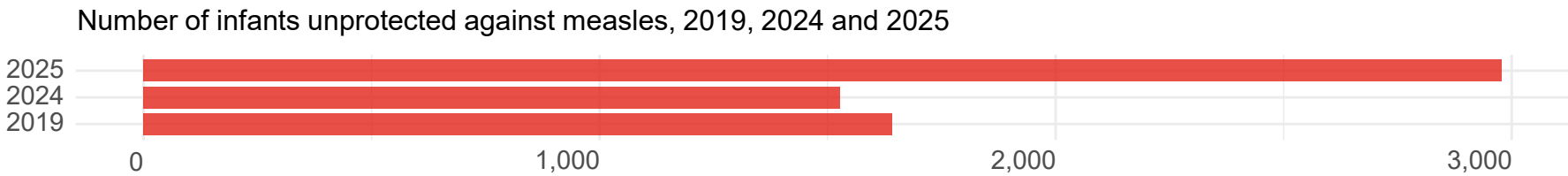
In 2025, Turkmenistan MCV1 coverage was 98% - this is 1 percentage point lower than in 2019 and higher than both the global and regional averages.



In 2025, MCV1 coverage in Turkmenistan (98%) was 14 percentage points higher than the global average (84%) and 10 percentage points higher than the average across all ECAR countries (88%).

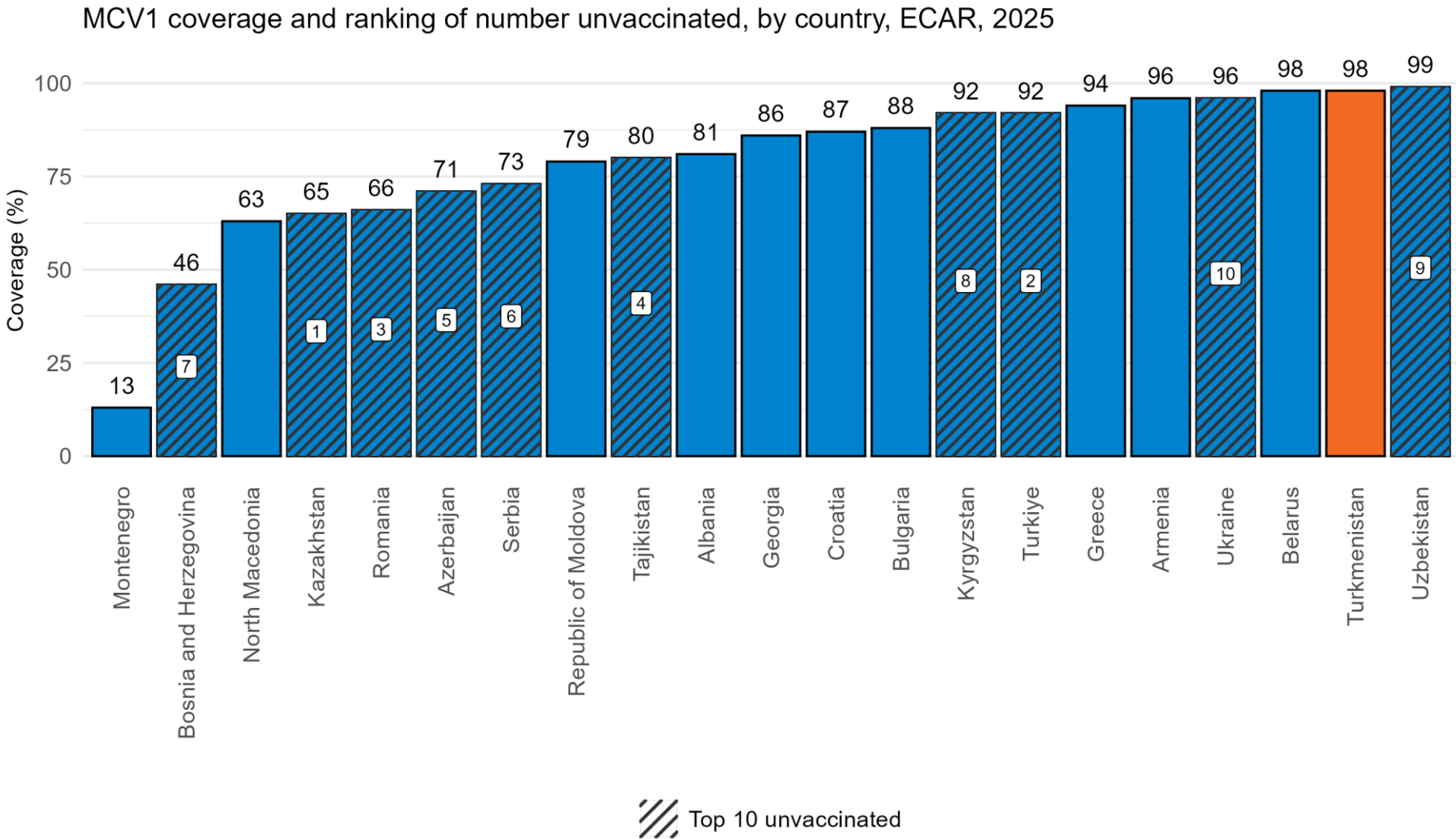
National MCV1 coverage was 1 percentage point lower than in 2019 (99%).

This equates to 3,000 unvaccinated children in 2025 compared to 2,000 unvaccinated children in 2019.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Coverage difference compared to 2019 - values above zero indicate coverage higher than in 2019 and values below zero indicate coverage lower than in 2019

In 2025, Turkmenistan had MCV1 coverage of 98% and was not among the top 10 countries with the highest number of unvaccinated children in the region.



This chart shows MCV1 coverage in countries in ECAR from lowest to highest coverage, and the rank of the top 10 countries with the most unvaccinated children, based on absolute numbers.

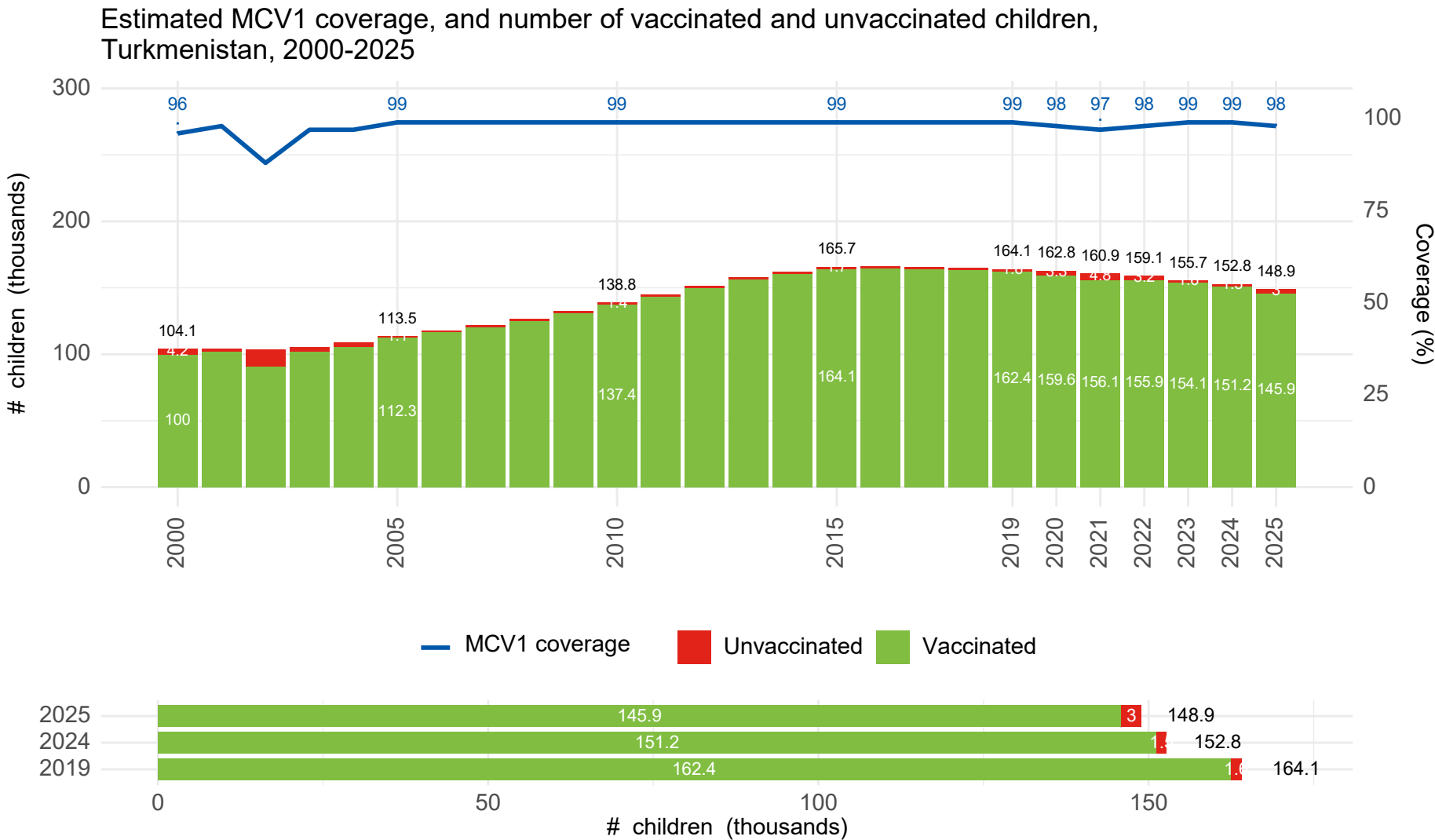
In 2025, Turkmenistan ranked number 19 out of 21 countries for lowest MCV1 coverage (based on tied ranks).

Turkmenistan was not in the top 10 countries with the most unvaccinated children.

Note: Large cohort countries may have high numbers of unvaccinated children despite high vaccine coverage. It is important to consider both coverage and absolute numbers of unvaccinated children to ensure vulnerable countries with small birth cohorts are not overlooked.

Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: Bars are ranked by ascending coverage. Numbers in bubbles display top 10 rank based on absolute number of unvaccinated children.

For vaccine coverage to increase, the number of children vaccinated needs to either increase or decline at a slower rate than the decline in surviving infant target population.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision

MCV1 coverage in 2025 (98%) was relatively constant within 1% compared to 2019 (99%).

The number of children vaccinated with MCV1 decreased 10% compared to in 2019.

The number of surviving infants decreased approximately 9% compared to in 2019.

In 2025, fewer children were vaccinated than in 2019.

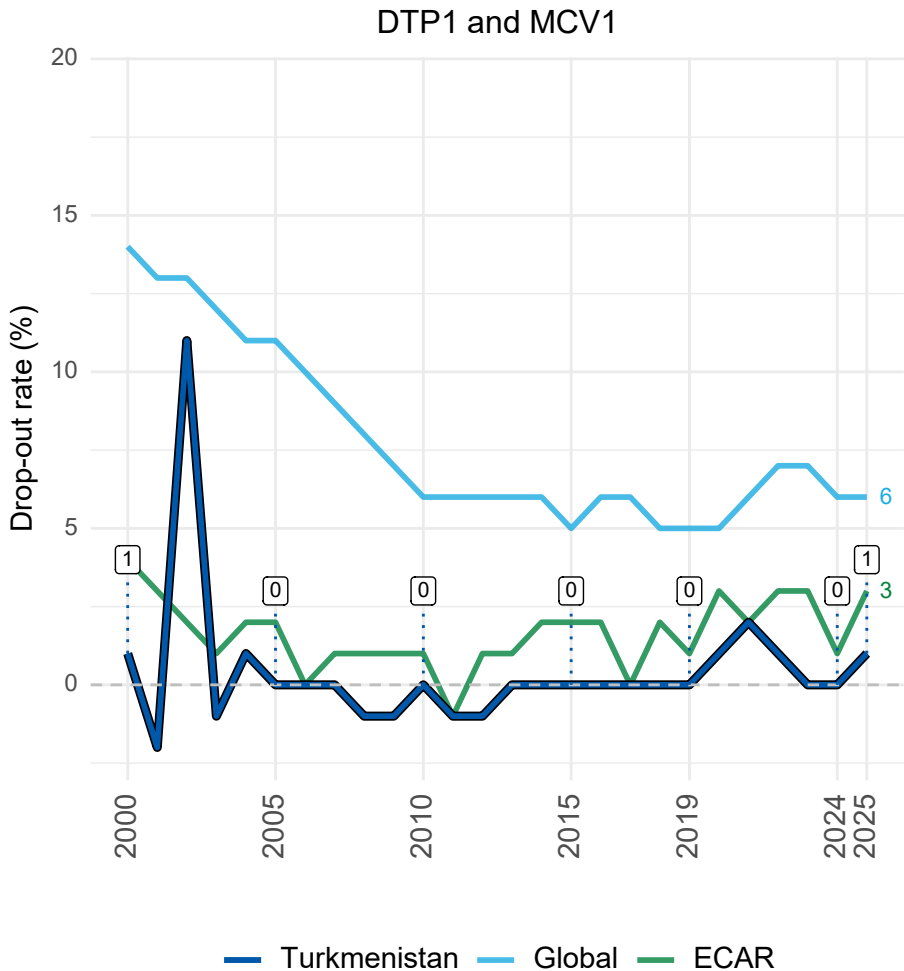
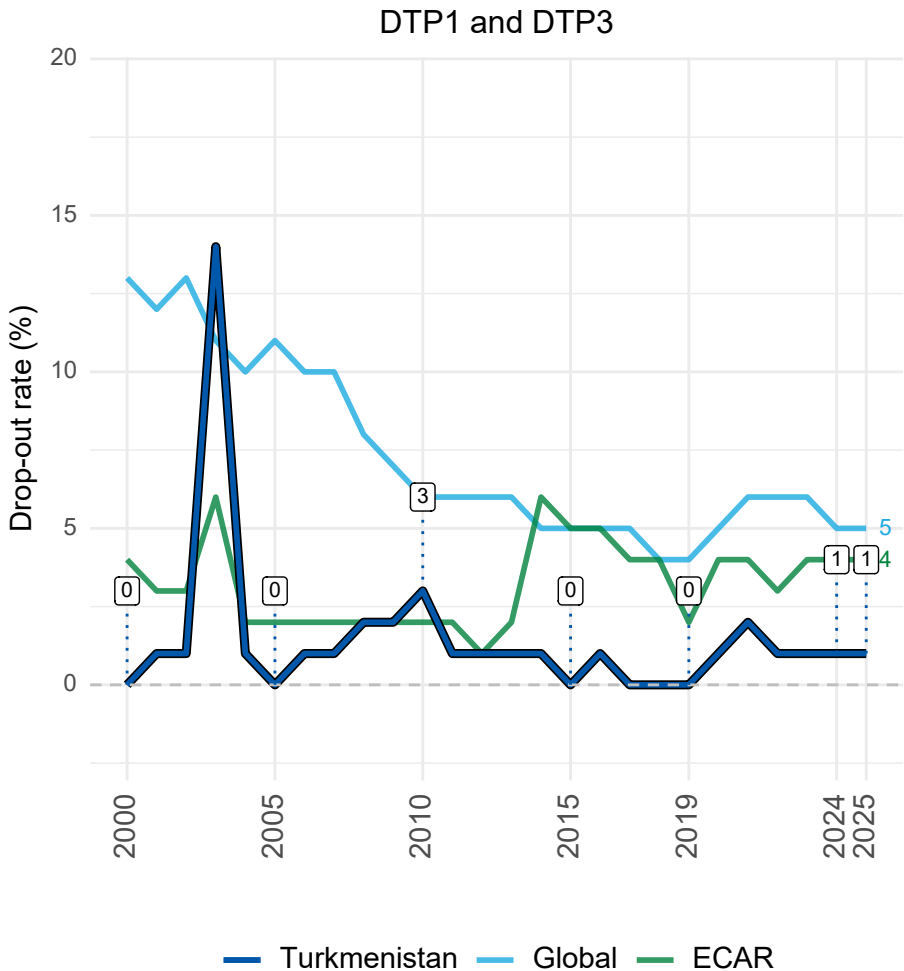
In 2025, there were fewer surviving infants (target population) than in 2019.

For vaccine coverage to increase, the number of children vaccinated needs to either increase or decline at a slower rate than the decline in surviving infant target population.

Childhood immunization: Additional charts

In 2025, DTP1 and DTP3/MCV1 drop-out was low in Turkmenistan, indicating good retention of children in immunization programmes, and current efforts to ensure follow up are successful.

Zero-dose children are those who did not receive DTP1.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Drop-out classification: <5% = low, 5-10% = medium, >10% = high

Drop-out rates show the percentage of children who received DTP1, but not DTP3/MCV1. Low drop-out rates indicate high retention of children in immunization programmes.

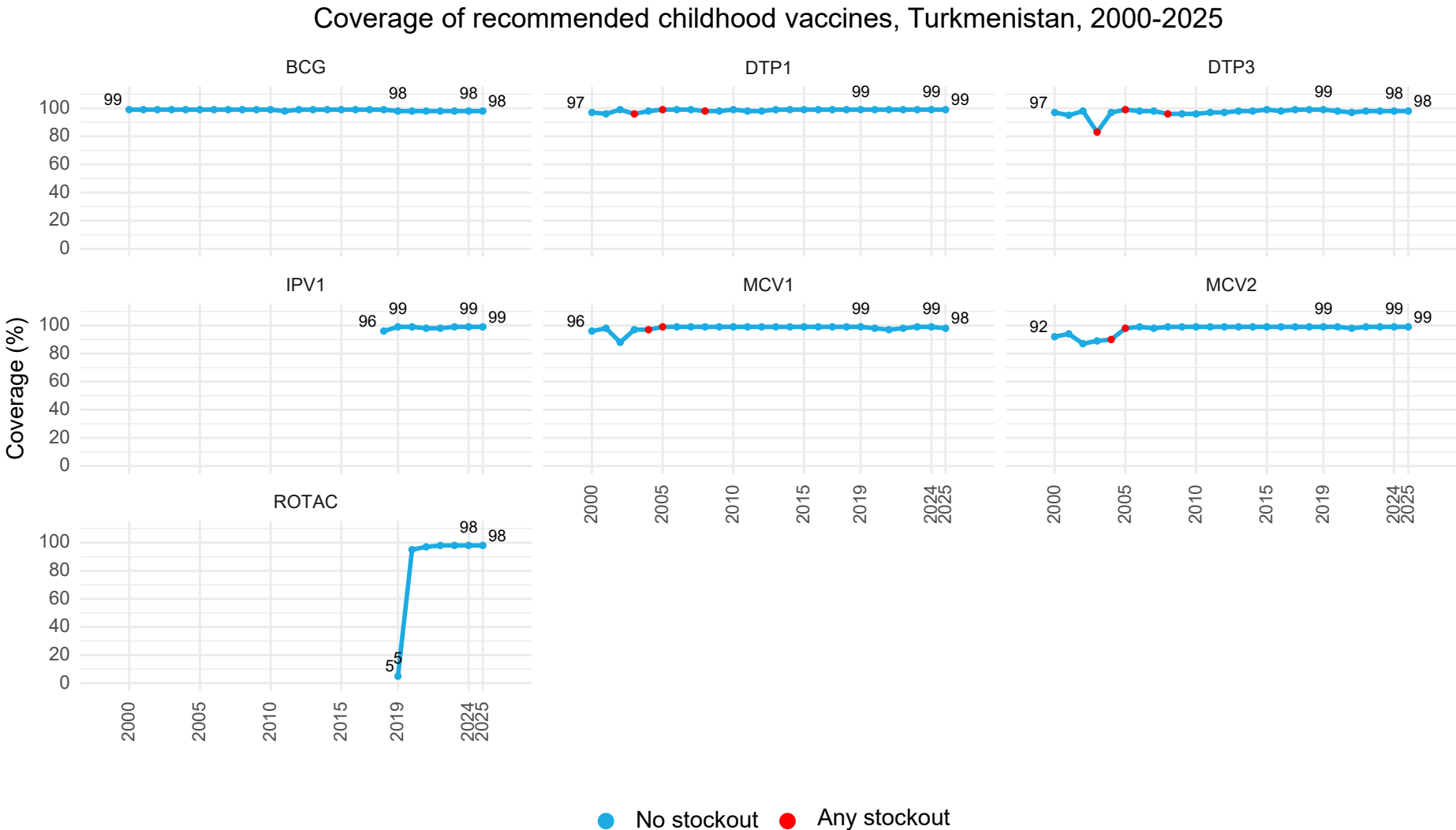
This chart shows trends in drop-out rates between DTP1 and DTP3, and DTP1 and MCV1.

In 2025, 1% of children who received DTP1 did not receive DTP3 (left), and 1% of children who received DTP1 did not receive MCV1 (right).

The low DTP drop-out rate implies good ability to provide a complete series of vaccines early in life. The low DTP-MCV drop-out rate implies good retention in immunization programmes and ability to provide a full course of vaccines in infancy (up to one year).

In 2025, Turkmenistan DTP drop-out was lower than the global rate, while DTP-MCV drop-out was lower than the global rate.

In 2025, Turkmenistan had its lowest coverage in BCG, DTP3, MCV1, and ROTAC (98%), while most other routine vaccines clustered around 99%; 4 antigens remained constant since 2019, and 6 antigens remained constant since 2024.



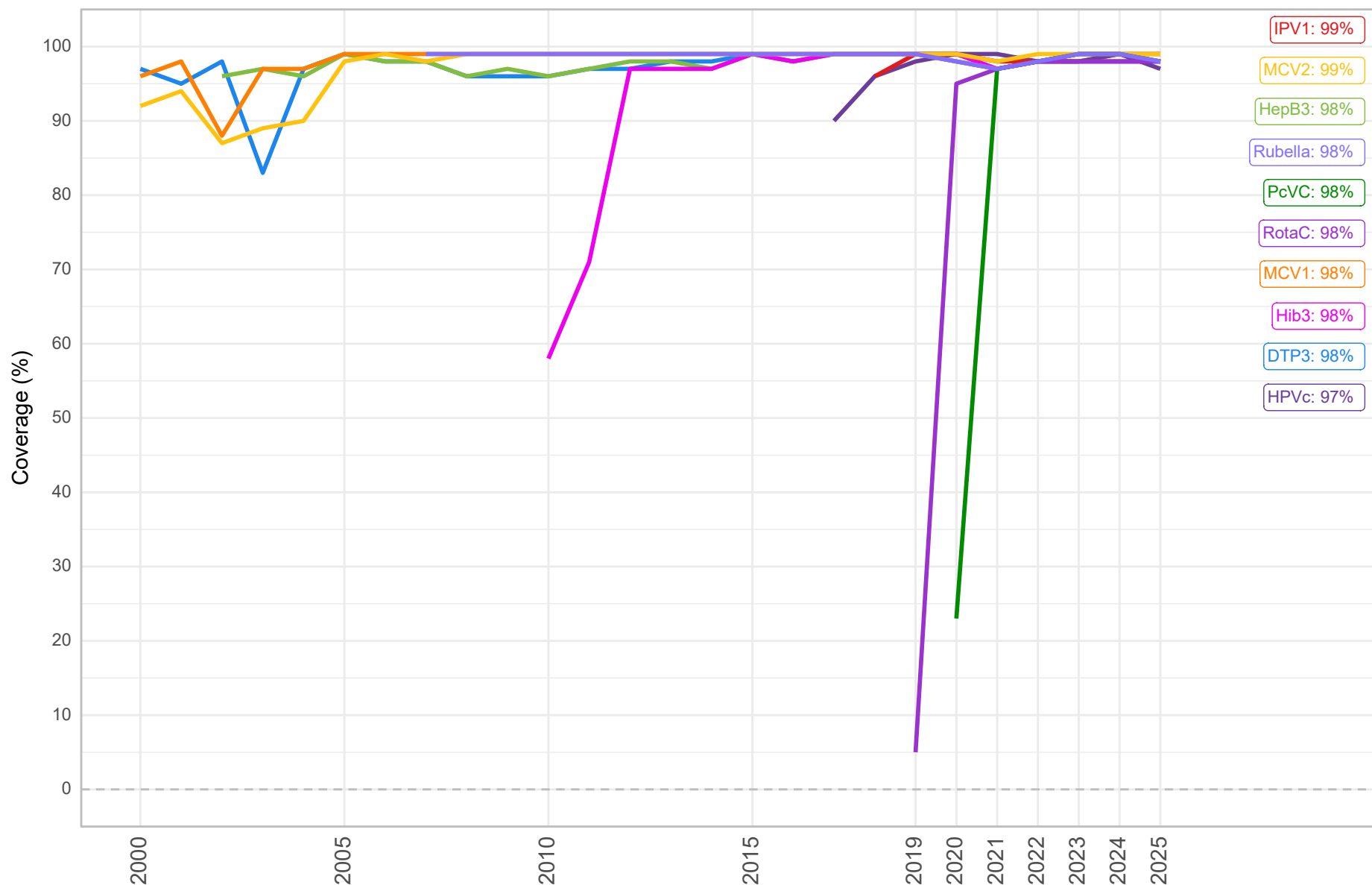
This chart shows trends in coverage of selected core routine vaccines recommended in childhood.

In 2025, BCG, DTP3, MCV1, and ROTAC had the lowest coverage (98%), followed by DTP1, IPV1, and MCV2 (99%).

Compared to 2019, coverage of 4 vaccines remained constant (BCG, DTP1, IPV1 and MCV2), 2 vaccines decreased (DTP3 and MCV1), and one vaccine increased (ROTAC).

Compared to 2024, coverage of 6 vaccines remained constant (BCG, DTP1, DTP3, IPV1, MCV2 and ROTAC) and one vaccine decreased (MCV1).

Vaccine coverage (%), Turkmenistan, 2000-2025



This chart shows trends in coverage of 9 vaccines (complete series).

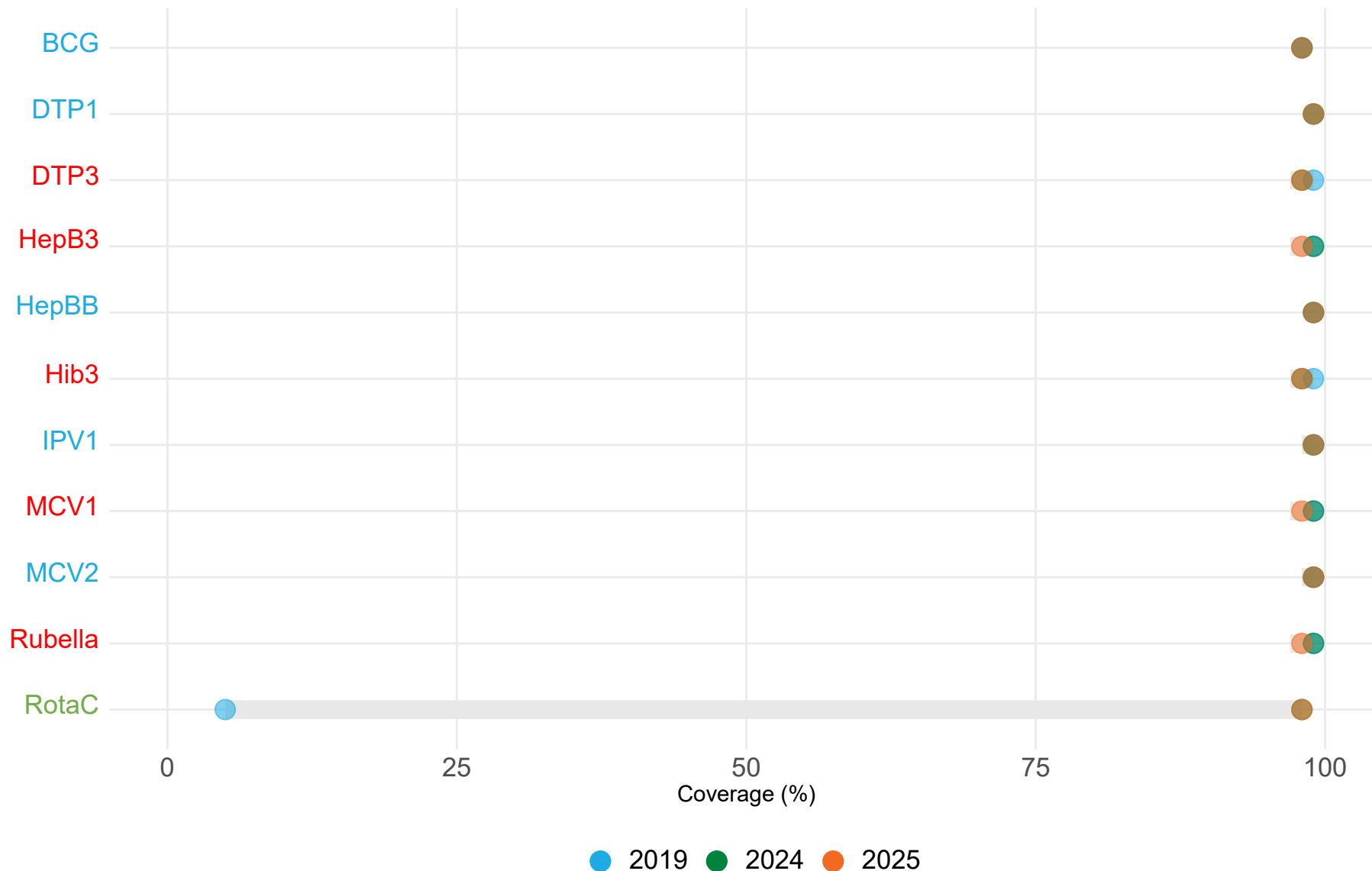
In 2025, HPVc had the lowest coverage of all vaccines (97%), followed by DTP3, HepB3, Hib3, MCV1, RotaC, and Rubella (98%).

Coverage of 6 vaccines decreased (DTP3, HEPB3, HIB3, HPVc, MCV1 and RUBELLA), 2 vaccines were the same (IPV1 and MCV2), and 1 vaccine increased (ROTAC) compared to respective coverage in 2019.

Coverage of 5 vaccines were the same (DTP3, HIB3, IPV1, MCV2 and ROTAC) and 4 vaccines decreased (HEPB3, HPVc, MCV1 and RUBELLA) compared to respective coverage in 2024.

Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Numbers in the data label bubbles refer to vaccine coverage in the latest year estimates are available.

Vaccine coverage (%), Turkmenistan, 2019-2025



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
 Note: The grey bar spans vaccine coverage across all years 2019-2025 and the dots represent coverage in specific years.
 Coverage is shown for vaccines with data all years 2019-2025.
 Vaccine names are coloured based on if coverage is lower (red), the same as (blue) or higher (green) than in 2019

This chart shows the range of coverage across all years 2019 to 2025 (grey bars), and coverage in specific years (dots), by vaccine. The chart can be used for assessing recovery to pre-pandemic levels.

In 2024, 2 vaccines had lower coverage than in 2019.

In 2025, 5 vaccines had lower coverage than in 2019.

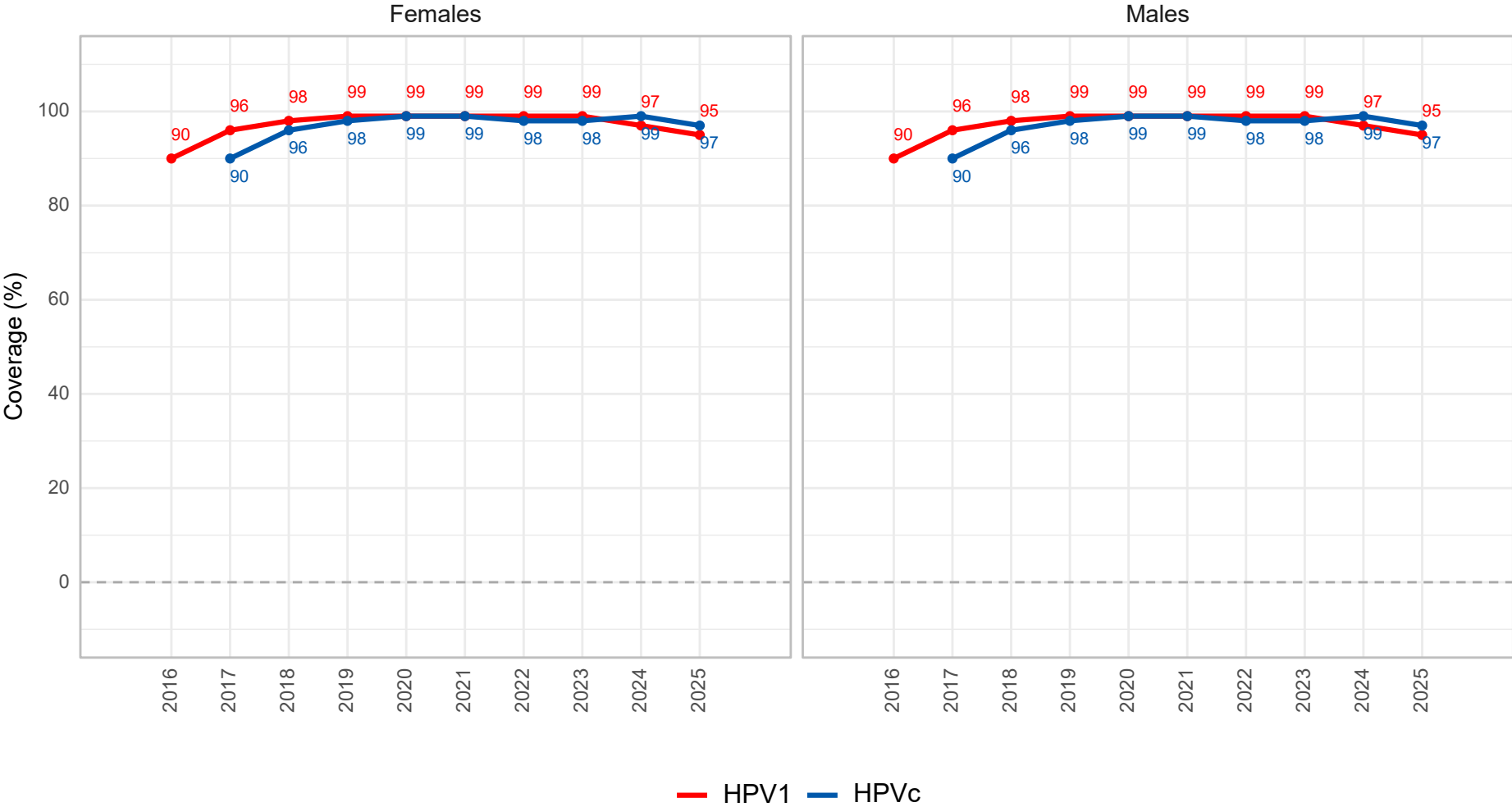
In 2025, 3 vaccines had lower coverage than in 2024.

HPV vaccination

Methods: • [Bruni et al. 2021, HPV vaccination introduction worldwide and WHO and UNICEF estimates of national HPV immunization coverage 2010–2019 \(supplementary materials\).](#)

In 2025, HPV last dose coverage among girls declined to 97% and coverage among boys declined to 97%.

Human papillomavirus (HPV) vaccine coverage (%), Turkmenistan, 2016-2025



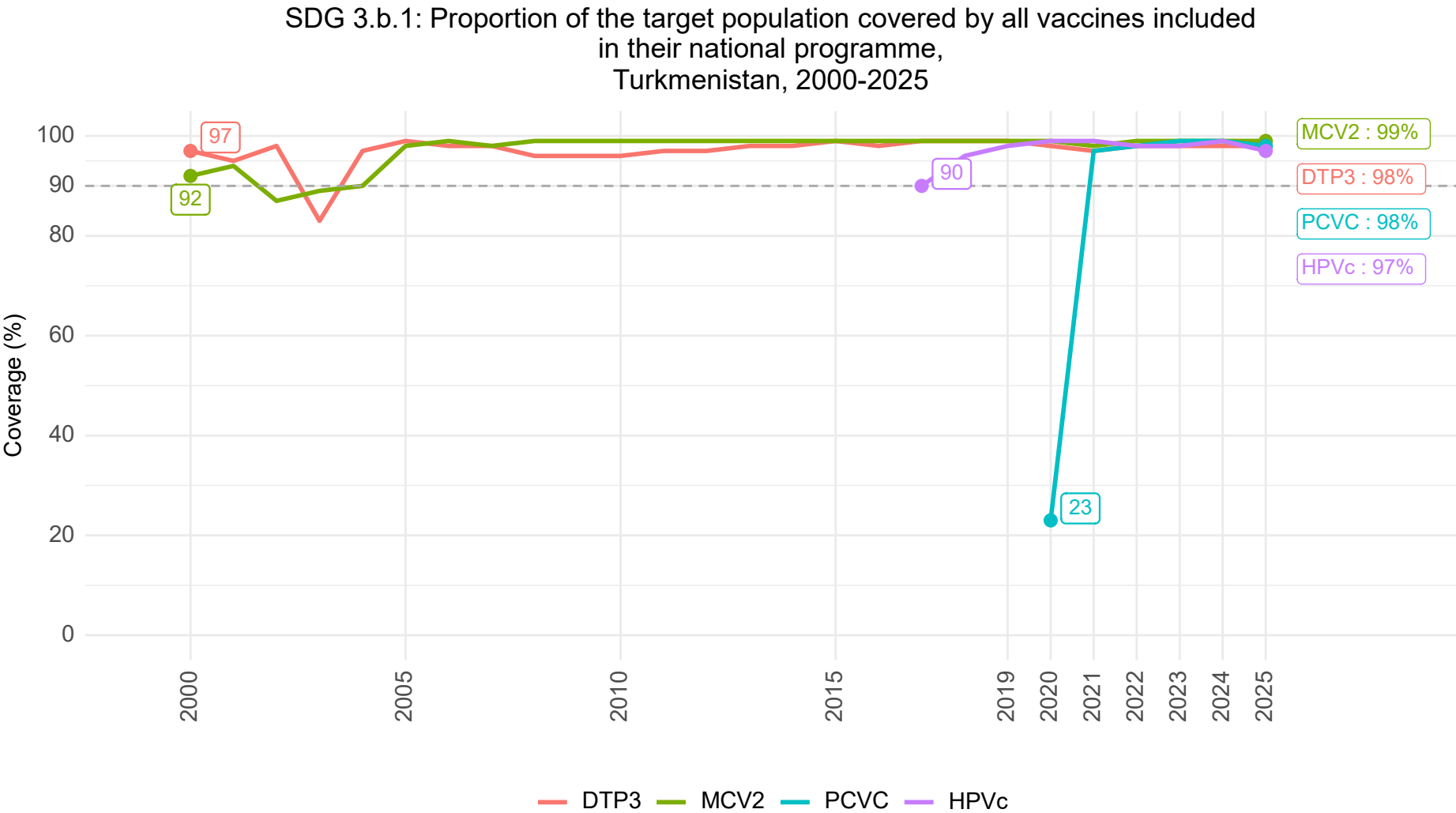
The first year of HPV programme coverage estimates in Turkmenistan was 2016.

In 2025, first dose (HPV1) programme coverage among girls was 95%. In 2025, last dose (HPVc) programme coverage among girls was 97%.

Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision.
For some countries, if HPV vaccine is in the schedule, but the country did not report data in a given year, HPV programme coverage estimates are not produced.

SDG 3.b.1

In 2025, Turkmenistan met the 90% SDG coverage target for all SDG vaccines.



Source: WHO/UNICEF Estimates of National Immunization Coverage, 2025 revision
Note: The four vaccination coverage indicators contribute to SDG indicator 3.b.1 are: DTP3, MCV2, PCVC and HPVc
The Immunization Agenda 2030 (IA2030) global target is 90% coverage of all four antigens by 2030.

Four vaccination coverage indicators contribute to Sustainable Development Goal 3, indicator b.1: DTP3, PCV3, MCV2 and HPV.

The IA2030 global target is 90% coverage of all four antigens by 2030.

Turkmenistan has all 4 of the SDG vaccines.

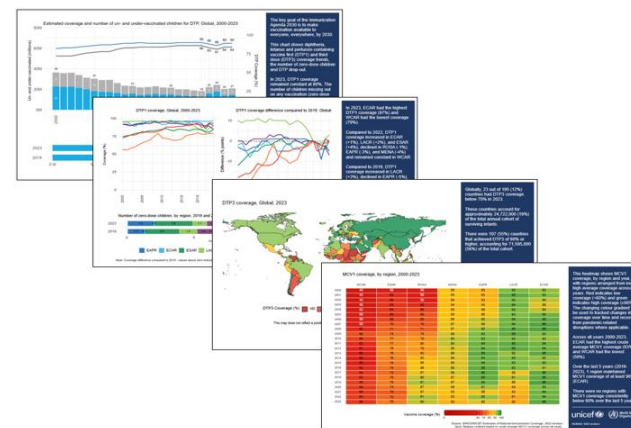
In 2025, Turkmenistan had achieved at least 90% coverage of all 4 of the vaccines.

Additional resources

[illegible]

	A	B	C	D	E	F	G	H	I	J
1	unicef_regio	isoc3c	country	vaccine	year	target_grp	coverage	vaccinated	unvaccinated	target
2	ROSA	AFG	Afghanistan bcg		1982	births	10	57,000	514,000	571,000
3	ROSA	AFG	Afghanistan bcg		1983	births	10	56,000	503,000	539,000
4	ROSA	AFG	Afghanistan bcg		1984	births	11	62,000	501,000	563,000
5	ROSA	AFG	Afghanistan bcg		1985	births	17	100,000	490,000	591,000
6	ROSA	AFG	Afghanistan bcg		1986	births	18	107,000	489,000	596,000
7	ROSA	AFG	Afghanistan bcg		1987	births	27	161,000	434,000	595,000
8	ROSA	AFG	Afghanistan bcg		1988	births	40	238,000	358,000	596,000
9	ROSA	AFG	Afghanistan bcg		1989	births	38	233,000	380,000	614,000
10	ROSA	AFG	Afghanistan bcg		1990	births	30	191,000	446,000	637,000
11	ROSA	AFG	Afghanistan bcg		1991	births	21	134,000	505,000	640,000
12	ROSA	AFG	Afghanistan bcg		1992	births	19	127,000	541,000	668,000
13	ROSA	AFG	Afghanistan bcg		1993	births	17			760,000
14	ROSA	AFG	Afghanistan bcg		1994	births	15			852,000
15	ROSA	AFG	Afghanistan bcg		1995	births				899,000
16	ROSA	AFG	Afghanistan bcg		1996	births				932,000
17	ROSA	AFG	Afghanistan bcg		1997	births				962,000
18	ROSA	AFG	Afghanistan bcg		1998	births				986,000
19	ROSA	AFG	Afghanistan bcg		1999	births				1,013,000
20	ROSA	AFG	Afghanistan bcg		2000	births	30			1,037,000
21	ROSA	AFG	Afghanistan bcg		2001	births	43	455,000	596,000	1,007,000
22	ROSA	AFG	Afghanistan bcg		2002	births	46	467,000	548,000	1,015,000

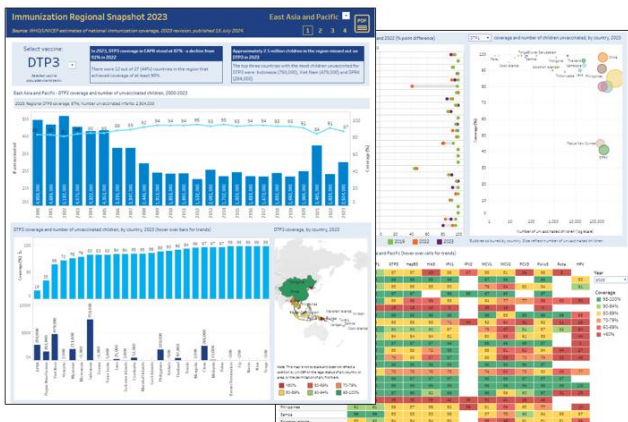
UNICEF, WHO, World Bank, Gavi and
African Union regions



Additional immunization data resources can be found at:

<https://data.unicef.org/resources/immunization/>

*UNICEF, WHO, World Bank, Gavi and
African Union regions*



The collage features several distinct data visualizations:

- Top Left:** A line chart titled "Average Coverage Page by Vaccine and Year, 2010-2020" showing coverage percentages for various vaccines over time.
- Top Center:** A line chart titled "Number of Children Vaccinated by Vaccine and Year, 2010-2020" showing the number of children vaccinated for different vaccines over time.
- Top Right:** A line chart titled "Number of Children Vaccinated by Vaccine and Year, 2010-2020" showing the number of children vaccinated for different vaccines over time.
- Middle Left:** A line chart titled "Number of Children Vaccinated by Vaccine and Year, 2010-2020" showing the number of children vaccinated for different vaccines over time.
- Middle Center:** A bar chart titled "Number of Children Vaccinated by Vaccine and Year, 2010-2020" showing the number of children vaccinated for different vaccines over time.
- Middle Right:** A bar chart titled "Number of Children Vaccinated by Vaccine and Year, 2010-2020" showing the number of children vaccinated for different vaccines over time.
- Bottom Left:** A bar chart titled "Number of Children Vaccinated by Vaccine and Year, 2010-2020" showing the number of children vaccinated for different vaccines over time.
- Bottom Center:** A heatmap titled "Coverage Trends by Vaccine and District, 2010-2020" showing coverage trends for various vaccines across different districts over time.
- Bottom Right:** A heatmap titled "Coverage Trends by Vaccine and District, 2010-2020" showing coverage trends for various vaccines across different districts over time.

WUENIC Talking Points: Latin America and the Caribbean (LACR) Region

Revision Year: 2023

Overview

- While rising vaccine rates illustrate confidence and success, rates of the unvaccinated remain elevated at average coverage of 50% or higher across all LACR Region (2023)
- Coverage of the first dose of COVID-19 vaccine among children under age 12 (12 to 23 months) in 2023 was 64.9% and 64.2% in 2022, 2021, and 2020, respectively. The percentage of children under age 12 who received the second dose of COVID-19 vaccine against measles (MCV2) was the same in 2023 as in 2022 at 61.9% or higher in all of the countries (82.3% of 12 to 23 months) (available under coverage of 40% or higher at least one of the 14, 18, 24, 30, 36, 42, 48, 54, 60, 66, 72, 78, 84, 90, 96, 102, 108, 114, 120, 126, 132, 138, 144, 150, 156, 162, 168, 174, 180, 186, 192, 198, 204, 210, 216, 222, 228, 234, 240, 246, 252, 258, 264, 270, 276, 282, 288, 294, 300, 306, 312, 318, 324, 330, 336, 342, 348, 354, 360, 366, 372, 378, 384, 390, 396, 402, 408, 414, 420, 426, 432, 438, 444, 450, 456, 462, 468, 474, 480, 486, 492, 498, 504, 510, 516, 522, 528, 534, 540, 546, 552, 558, 564, 570, 576, 582, 588, 594, 600, 606, 612, 618, 624, 630, 636, 642, 648, 654, 660, 666, 672, 678, 684, 690, 696, 702, 708, 714, 720, 726, 732, 738, 744, 750, 756, 762, 768, 774, 780, 786, 792, 798, 804, 810, 816, 822, 828, 834, 840, 846, 852, 858, 864, 870, 876, 882, 888, 894, 900, 906, 912, 918, 924, 930, 936, 942, 948, 954, 960, 966, 972, 978, 984, 990, 996, 1000)
- There were 10 countries that did not receive a third dose of COVID-19 vaccine in any vaccine (1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th)
- In 2023, the number of unvaccinated children 12 and under was approximately 25% higher than the average coverage of 50% or higher across all LACR Region (2023)

Latin America and the Caribbean Region

- The LACR region includes 33 countries (Argentina and Barbados, a British Overseas Territory, Brazil, Chile, Colombia, Costa Rica, Cuba, Ecuador, El Salvador, French Polynesia, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Saint Kitts and Nevis, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Uruguay)
- Note: Suriname, Nicaragua, French Polynesia, Saint Kitts and Nevis, Saint Vincent and the Grenadines, Suriname, Trinidad and Tobago, Uruguay

WUENIC Talking Points: Ethiopia

Revision Year: 2023

Contents

Overview	2
DTPI: Reaching zero-dose children	4
DTPI: A number of vaccine administration service delivery is children	6
DTPI: Coverage in the cold chain	8
DTPI: Country in the world	10
Regional comparison	12
Additional Figures	14

Ethiopia in the African region

DTPI: Reaching zero-dose children

- In 2023, DTPI coverage in Ethiopia was 67%, compared to 70% in 2022, and 65% in 2021, the number of zero-dose children in Ethiopia (2023) was approximately 1.5 million (1.5 million) (1.5 million)
- There were 34,000 zero-dose children in the region in 2023 compared to 32,000 in 2022, and 30,000 in 2021, the number of zero-dose children in the region in 2023 was approximately 1.5 million (1.5 million)
- There were 34,000 zero-dose children in the region in 2023 compared to 32,000 in 2022, and 30,000 in 2021, the number of zero-dose children in the region in 2023 was approximately 1.5 million (1.5 million)
- There were 34,000 zero-dose children in the region in 2023 compared to 32,000 in 2022, and 30,000 in 2021, the number of zero-dose children in the region in 2023 was approximately 1.5 million (1.5 million)

Year	DTPI Coverage (%)	Zero-Dose Children (Number)
2010	65	1,000,000
2011	66	1,000,000
2012	67	1,000,000
2013	68	1,000,000
2014	69	1,000,000
2015	70	1,000,000
2016	71	1,000,000
2017	72	1,000,000
2018	73	1,000,000
2019	74	1,000,000
2020	75	1,000,000
2021	76	1,000,000
2022	77	1,000,000
2023	78	1,000,000

DTPI: Reaching zero-dose children

Interactive
WUENIC
country profiles
can be found at:

<https://worldhealth.org.shinyapps.io/wuenic-trends/>

Short feedback questionnaire

(5 minutes)

We are seeking your feedback on the global groupings (GAVI, African Union, World Bank Income, WHO and UNICEF) and country-level PowerPoint slides developed for the release of global immunization estimates. Your input will help us understand their usefulness and identify areas for improvement.

Please take a few moments to complete this short survey and have your voice heard:

<https://forms.office.com/e/Qv1HXxxNZQ>

